

INDO- TIBETAN BORDER POLICE FORCE
(MHA) GOVERNMENT OF INDIA

NOTICE INVITING TENDER

NIT No. ITBP/SHQ(Patna)/Engg/Main Gate/2026-549

Name of Work: Up gradation of Existing Second no. Main Gate with Guard room and Boundary wall at BHQ 6th Bn, ITB Police, Jalalpur, Chhapra, Bihar.

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No. ITBP/SHQ (Patna)/Engg/6th Bn/Main Gate/2026-549
Office of the Dy. Inspector General
Sector Head Quarter (Patna)
Indo Tibetan Border Police Force
Ministry Of Home Affairs
Government of India,
Nawada, PO-Phulwari Sharif,
Distt- Patna, Bihar – 801505
E mail- itcellpatna@itbp.gov.in

Date: 11/05/26

Notice Inviting e-Tender

The Second in Command (Engr.), Sector Headquarter (Patna) on behalf of the President of India invites online Percentage rate tender from approved and eligible firms/contractors of CPWD, MES, Railway, BRO, State PWD, BSNL and other Govt Department/ Organizations registered under Building construction/Road category in appropriate class for the following work: -

S. N.	Name of Work	Estimated Cost	EMD amount	Completion time
1	Up gradation of Existing Second no. Main Gate with Guard room and Boundary wall at BHQ 6th Bn, ITB Police, Jalalpur, Chhapra, Bihar.	Rs. 44,50,855/-	Rs. 89,020/-	18 Months

Critical Dates:-

S.N.	Particular	Time and Date
1	Publishing date and time	12.05.2026 at 1700 hrs.
2	Document download start date	12.05.2026 at 1700 hrs.
3	Clarification start date	12.05.2026 at 1700 hrs.
4	Bid submission start date	12.05.2026 at 1700 hrs.
5	Clarification end date	02.06.2026 at 1700 hrs.
6	Bid submission end date	02.06.2026 at 1700 hrs.
7	Last date and time for deposit of original EMD in the office of Second in Command (Engr) SHQ (Patna) or in any formation of ITBP	02.06.2026 at 1700 hrs.
8	Bid opening date	03.06.2026 at 1700 hrs.

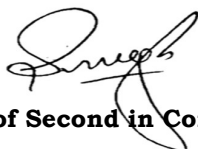
1. The enlistment of the contractors should be valid on the last date of submission of tenders. In case, the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.
2. The intending bidder must read the terms and conditions of **Tender form** carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
3. Information and Instructions for bidders posted on website shall form part of bid document.


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4. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website: <https://eprocure.gov.in/eprocure/app> & www.itbpolice.nic.in.
5. The tender can only be submitted after uploading the mandatory scanned documents as per list given below.

S.N.	Details of Documents
i	Copy of valid Enlistment in appropriate class
ii	<p>Certificate of Registration for GST of the State in which the work is to be taken up, if already obtained by the bidder.</p> <p>If the bidder has not obtained GST registration in the State in which the work is to be taken up, or as required by GST authorities then in such a case the bidder shall scan and upload following undertaking along with other bid documents</p> <p>“If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any Payment by ITBP, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by ITBP or GST department in this regard”.</p>
iii	Copy of PAN card
iv	Tender form duly signed
v	Copy of Work Experience Certificate as per tender document.
vi	Scanned Copy of EMD should be uploaded on website and hard copy to be submitted in the office of Second in Command (Engr), SHQ(Patna) or any formation of ITBP by due date and time. Further copy of receipt of submission of EMD also be uploaded with Tender Form. (As per Attached Annexure A page 50)
vii	Undertaking for site inspection (Intending bidders must upload undertaking that they have inspected and examined the site and its surrounding before submitting their bids, duly submitted as per Annexure-B at page no. 49.
viii	Affidavit/Undertaking on structural stability and soundness as per prescribed format form ‘F’ on page no. 48 on Rs.200/-Non-Judicial Stamp Paper duly notarized.
ix	EPF & ESI registration certificate
x	<p>Copies of Electrical Contractor License.</p> <p>If the bidder has not obtained Electrical Contractor License as applicable, then he shall scan and upload following undertaking along with bid documents.</p> <p>“If work is awarded to me, I/we shall obtain Electrical Contractor License, or if I/we do not possess in my/our name a valid electrical license as required, I/we shall associate an agency having such a license required for execution of work as applicable, within one month from the date of receipt of award letter or before release of any Payment by ITBP, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by ITBP or concerned competent authority in this regard”.</p>
xi	<p>Labour License issued for Contractors/Suppliers.</p> <p>If the bidder has not obtained Labour License as applicable, then he shall scan and upload following undertaking along with bid documents.</p> <p>“If work is awarded to me, I/we shall obtain Labour License, as applicable, within one month from the date of receipt of award letter or before release of any Payment by ITBP, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by ITBP or concerned competent labour officer in this regard”.</p>




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Note : Bidder should ensure himself that above documents are uploaded in correct format and at correct location on the website.

6. Earnest Money of **Rs. 89,020/-** in form of Banker's cheque or Demand Draft or Fixed Deposit or Bank Guarantee receipt of any scheduled bank in favour of **Dy. Inspector General, SHQ (Patna), ITBP, Phulwari Sharif, Patna(Bihar)** and deposit original EMD in the office of Second in Command (Engr), SHQ (Patna), ITBP or any formation of ITBP within period of bid submission time. Receipt of EMD obtained from the concerned formation of ITBP where EMD have been submitted, to be scanned and uploaded to the e-tendering website at the time of bid submission. (Format of receipt placed at page no. 50 of tender form.)
7. Those contractors not registered on the website mentioned above, are required to get registered before hand. If needed, they can be imparted training on online bidding process as per details available on the website.
8. The intending bidder must have valid class-III digital signature to submit online bid.
9. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
10. Contractor can upload documents in the form of JPG format and PDF format.
11. Contractor must ensure to quote rate of each item, if any cell is left blank and no rate is quoted by the tenderer, rate of such item shall be treated as "0" (Zero). However, if tenderer quotes Nil rates against each item in item rate tender or does not quote any percentage above/below on the lowest amount of the tender or any section/sub head in percentage rate tenders, the tender shall be treated as invalid and will not be considered as lowest tender.
12. The required documents meeting the criteria to qualify as "approved and eligible" contractors of CPWD, MES, Railway, State PWD & Telecom/BSNL Deptt. etc along with other documents as mentioned under Para "List of Documents to be scanned and uploaded by the agency and hard copies received subsequently" shall be checked first, while opening the bid. The financial bid of only those agencies shall be opened who are found to be eligible agencies, as per this NIT.
13. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.



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INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR E-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

Second in Command(Engr), SHQ (Patna), ITBP, Phulwari Sharif, Patna (Bihar) on behalf of President of India invites online Percentage rate bids from approved and eligible contractors of CPWD and those who are registered under building or building & roads category in appropriate class of MES, Railway, State PWD, BRO, BSNL and other Govt Department/ Organizations for the following work: -

S. N.	Name of Work & Location	Estimated Cost put to Bid (in Rs.)	Earnest Money	Stipulated period of Completion of work (in months)	Last date of online submission of bid incl copy of receipt of deposition of original EMD	Date and time of opening of bids
1	Up gradation of Existing Second no. Main Gate with Guard room and Boundary wall at BHQ 6th Bn, ITB Police, Jalalpur, Chhapra, Bihar.	Rs. 44,50,855/-	Rs. 89,020/-	18 Months	02.06.2026 at 1700 hrs.	03.06.2026 at 1700 hrs.

1. The intending bidder must read the terms and conditions of **Tender form** carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on website shall form part of bid document.
3. The bid document as uploaded can be viewed and downloaded free of cost by anyone including intending bidder. It is mandatory to upload scanned copies of all the documents as stipulated in the bid documents.
4. After submission of the bid, the contractor can re-submit the revised bid any number of times but before last time and date of submission of bid as notified.
5. EMD will be submitted physically in the office of Second in Command (Engr), SHQ (Patna), ITBP or any formation of ITBP within period of bid submission time.
6. The intending bidder must have valid class-III digital signature to submit the bid.
7. Contractor can upload documents in **JPG** format and in **PDF** format.
8. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.
9. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (Zero).
10. However, if a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage

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rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

11. **Submission of bids:** The bidders who are desirous of participating in e-procurement shall submit their price bids in the standard formats prescribed in the tender documents displayed at www.eprocure.gov.in & www.itbp.gov.in. The bidder should upload the scanned copies of all the relevant certificates, documents etc. on the www.eprocure.gov.in in support of their price bids. The bidder shall sign on all the statements, documents, certificates uploaded by him, owing responsibility for their correctness/authenticity.
12. **Payment of Bid Security (Earnest Money Deposit):** The EMD shall be in the form of Pay Order/FDR of a scheduled bank issued in favour of **The DIG, SHQ(Patna), ITBP** have to be deposited. 50% of earnest money or Rs. 20 lakh, whichever is less, will have to be deposited in the shape prescribed above and balance amount of earnest money can be accepted in the form of Bank Guarantee issued by a scheduled bank. Xerox copy of the DD/Pay Order/FDR is to be scanned and uploaded along with the Bid and the original Pay Order/FDR shall be submitted in the office of **Second in Command (Engr) SHQ(Patna) or any formation of ITBP by due date and time.** Failure to furnish the original DD/Pay Order/FDR as EMD and other documents by the date and time mentioned in NIT will entail rejection of bids.
13. **Price Bid Opening:** - The Price Bids will be opened online at specified date & time and the result will be displayed on the www.eprocure.gov.in which can be seen by all the bidders who participated in the tenders.
14. **Processing of Tenders:** The concerned officer/officers will evaluate and process the tenders as done in the conventional tenders and will communicate the decision to the bidder online.
15. **Participation of Bidders at the time of opening of bids:** Bidders have two options to participate in tendering process at the time of opening of Bids:
 - i) Bidders can come to the place of opening of bids.
 - ii) Bidders can see the process online.
16. **Signing of agreement:** After the award of the contract, an agreement shall be signed by successful bidder.
17. The tender can only be submitted after uploading the mandatory scanned documents as per list given below.

S.N.	Details of Documents
i	Copy of valid Enlistment in appropriate class
ii	Certificate of Registration for GST of the State in which the work is to be taken up, if already obtained by the bidder. If the bidder has not obtained GST registration in the State in which the work is to be taken up, or as required by GST authorities then in such a case the bidder shall scan and upload following undertaking along with other bid documents "If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any Payment by ITBP, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by ITBP or GST department in this regard".
iii	Copy of PAN card
iv	Tender form duly signed
v	Copy of Work Experience Certificate as per tender document.
vi	Scanned Copy of EMD should be uploaded on website and hard copy to be submitted in the office of Second in Command (Engr), SHQ(Patna) or any formation of ITBP by due date and time. Further copy of receipt of submission of EMD also be uploaded with Tender Form. (As


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	per Attached Annexure A page 50)
vii	Undertaking for site inspection (Intending bidders must upload undertaking that they have inspected and examined the site and it's surrounding before submitting their bids, duly submitted as per Annexure-B at page no. 49.
viii	Affidavit/Undertaking on structural stability and soundness as per prescribed format form 'F' on page no. 48 on Rs. 200/-Non-Judicial Stamp Paper duly notarized.
ix	EPF & ESI registration certificate
x	<p>Copies of Electrical Contractor License.</p> <p>If the bidder has not obtained Electrical Contractor License as applicable, then he shall scan and upload following undertaking along with bid documents.</p> <p>"If work is awarded to me, I/we shall obtain Electrical Contractor License, or if I/we do not possess in my/our name a valid electrical license as required, I/we shall associate an agency having such a license required for execution of work as applicable, within one month from the date of receipt of award letter or before release of any Payment by ITBP, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by ITBP or concerned competent authority in this regard".</p>
xi	<p>Labour License issued for Contractors/Suppliers.</p> <p>If the bidder has not obtained Labour License as applicable, then he shall scan and upload following undertaking along with bid documents.</p> <p>"If work is awarded to me, I/we shall obtain Labour License, as applicable, within one month from the date of receipt of award letter or before release of any Payment by ITBP, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by ITBP or concerned competent labour officer in this regard".</p>



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TENDER FORM e-TENDERING

(As per CPWD-6)

GOVERNMENT OF INDIA
INDO- TIBETAN BORDER POLICE FORCE

NOTICE INVITING TENDER

Second in Command (Engr), SHQ (Patna), ITBP, Phulwari Sharif, Patna (Bihar) on behalf of President of India invites online Percentage rate bids from approved and eligible contractors of CPWD and those who are registered under building or building & roads category in appropriate class of MES, Railway, State PWD, BRO, BSNL and other Govt Department/ Organizations for the work of **Up gradation of Existing Second no. Main Gate with Guard room and Boundary wall at BHQ 6th Bn, ITB Police, Jalalpur, Chhapra, Bihar.**

1. The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of bids is extended, the enlistment of contractor should be valid on the original date of submission of bids.
- 1.1 The work is estimated to cost **Rs. 44,50,855/- (Forty Four Lacs Fifty Thousand Eight Hundred Fifty Five Only)**. The estimate, however, is given merely as a rough guide.
- 1.2 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids

2. Criteria of eligibility

- a) The Tenderer should have completed satisfactorily at least *3 similar works each of value 40% of the estimated cost or *2 similar works of 60% of the estimated cost or *1 similar work of 80% of estimated cost during the last 7(seven) years (at least one work of them should be in Central Govt. /Central Autonomous bodies/ Central PSU/State Govt). The contractors shall have to submit attested copies of registration, GST, EPF & ESI No. of Govt. authorities/affidavit, list of works completed of the requisite magnitude along with the attested copies of certificates of satisfactory completion

Similar work shall mean works of "Construction of Building work for tenders pertains to building construction"

Note1: - Components of work executed other than those included in definition of similar work shall be deducted while calculating cost of similar work.

Note-2:-For the purpose, "Cost of work" shall mean gross value of the completed work. This should be certified by an officer not below the rank of Executive Engineer/Project Manager or equivalent

Note-3:-The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last day of month previous to the one in which tenders are invited.

Note-4: While considering any similar work executed by applicant firm under joint venture, the experience of the applicant firm in that work shall be restricted to its share/responsibilities as reflected in the Memorandum of Understanding (MoU), signed between the parties, while forming joint venture for that work, attested/Notarized copy of which shall be submitted along with the eligibility bid.

- b) Should not have been blacklisted/debarred from any Government, Semi Government organizations. NHAI, MORTH, BRO, NHIDCL, NBCC, NPCC, CPWD, State PWD, EPIL, EIL,

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Railway authority, MES etc. or any other PSUs and Municipal Corporations at any time during last five years as per format given in Form "D"

3. Agreement shall be drawn with the successful tenderer on prescribed Form No. CPWD 7 (or other Standard Form as mentioned) which is available with **Second in Command (Engr), SHQ(Patna)** and may be seen on any working day.
4. The time allowed for carrying out the work will be **18 Months** from the date as defined in schedule -'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
5. The site for the work is available. The architectural drawings are available and structural drawings for the work will make available by the tenderer himself at his own cost through any govt registered consultant.
6. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website <https://eprocure.gov.in/eprocure/app> & www.itbpolice.nic.in free of cost.
7. After submission of the bid, the contractor can re-submit revised bid any number of times but before last **date and time** of submission of bid as notified.
8. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last **date and time** of submission of bid as notified.
9. When bids are invited in two stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.
10. Earnest Money in the form of Treasury Challan or Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt (drawn in favour of **DIG, SHQ(Patna)**, shall be scanned and uploaded to the e-Tendering website within the period of bid submission. A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for six months or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

Online tender documents submitted by intending tenderers shall be opened only of those tenderers, whose Earnest Money has been submitted with ITBP (Any formation of ITBP by due date and time).

11. The bid submitted shall become invalid if:
 - (i) The tenderers /bidder is found ineligible.
 - (ii) The tenderers /bidder does not upload all the documents as stipulated in the tender document.
 - (iii) If tenderer have track record of delaying in execution of work in any Govt. depts. as per the documents/ data available with Tender inviting office.
12. The contractor whose tender is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in **Schedule F**. This guarantee shall be in the form of Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit

the said performance guarantee within the period as indicated in Schedule 'F' including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee.

13. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and local conditions and other factors having a bearing on the execution of the work.
14. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without assigning any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidder shall be summarily rejected.
15. Canvassing whether directly or indirectly, in connection with bids is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
16. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.
17. The contractor shall not be permitted to bid for works in any unit of ITBP responsible for award and execution of contracts in which his near relative is posted as unit Accountant or as an officer in any capacity between the grades of IG Engineer and unit overseer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the I.T.B. Police or in the Ministry of Home Affairs. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department/ debarred to tender in ITBP.
18. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Govt. of India as aforesaid before submission of the bid or engagement in the contractor's service.
19. The tender for the works shall remain open for acceptance for a period of **90 days** from the date of opening of tenders. Further:-
 - (i) If any tenderer withdraws his tender or make any modification in the terms and conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the government shall without prejudice to any other right or remedy be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.
 - (ii) If any tenderer withdraws his tender or make any modification in the terms and conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the government shall without

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prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

(iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidder shall not be allowed to participate in the rebidding process of the same work.

21. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

(a) The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.

(b) Standard C.P.W.D. Form 7/8 or other Standard C.P.W.D. Form as applicable.

21.1.1 The tender document will include following three components:-

Part A:- CPWD-6, CPWD-7/8 including schedule A to F for the both major and minor components of the work, Standard General Conditions of Contract for CPWD 2023 as amended/modified up to date.

Part B:- General/specific conditions, specifications and schedule of quantities applicable to major component of the work.

Part C:- Schedule A to F for Minor component of the work (competent authority under clause 2 and clause 5 shall be same authority as mentioned in schedule A to F for major components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of work.

21.1.2 The bidders must associate himself, with agencies of the appropriate class eligible to bid for each of the minor component individually.

21.1.3 The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.

21.1.4 After acceptance of the bid by competent authority, the **Second in Command (Engr), SHQ (Patna), I. T. B. Police** shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into agreement with **Second in Command (Engr), SHQ (Patna)**. He has also to sign two or more copies of agreement for unit and Higher Head Quarters.

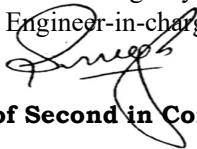
21.1.5 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.

21.1.6 Security Deposit will be worked out for agreement amount of the work.

The main contractor has to associate agencies for specialized component(s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineering-in-charge of relevant component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineering-in-Charge of relevant component(s).

In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer-in-Charge of relevant specialized component(s)

The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the


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contractor to change the agency executing such items of work and this shall be binding on the contractor.

21.1.7 In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

21.1.8 Running payment for the work shall be made by Engineer-in-charge to the main contractor.

21.1.9. Final bill of whole work shall be finalized and processed for payment by the Engineer-in-charge.



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CPWD-7/8

GOVERNMENT OF INDIA

INDO TIBETAN BORDER POLICE FORCE

PERCENTAGE RATE TENDER & CONTRACT FOR WORKS

Tender for the work of: - **Up gradation of Existing Second no. Main Gate with Guard room and Boundary wall at BHQ 6th Bn, ITB Police, Jalalpur, Chhapra, Bihar.**

- (i) **To be uploaded by 1700 hours upto 02/06/2026** at website.
- (ii) To be opened in presence of tenderers who may be present at **1700 hours on 03/06/2026** in the office of **Second in Command (Engr), SHQ (Patna), ITBP, Phulwari Sharif, Patna, Bihar.**

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions. Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule "F" viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for **90 days** from the due date of its opening and not to make any modification in its terms and conditions.

A sum of **Rs. 89,020/-** is hereby forwarded in receipt treasury challan / deposit at call receipt of bank / fixed deposit receipt of scheduled bank / demand draft of a scheduled bank / bank guarantee issued by a scheduled bank as earnest money. If I/We fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to determine in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of earnest money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

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I/We undertake and confirm that eligible similar work(s) has/ have not been got executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in ITBP in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated.....

Signature of Contractor
Postal Address

Witness

Address:

Occupation To be filled in by the contractor/witness as applicable



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FORMAT FOR ACCEPTANCE TO BE SIGNED WITH SUCCESSFUL BIDDER
(NEED NOT TO BE CONSIDERED AS LETTER OF ACCEPTANCE)

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs.

(Rupees.....
...)

The letters referred to below shall form part of this contract agreement:

- (i) CPWD Form no. 6, i.e. Notice Inviting Tenders (which is invariably issued by the Engineer-in-Charge irrespective of the fact whether he is competent to accept the tender or not)
- (ii) Pamphlet CPWD Form 7 or any other form used for the contract,
- (iii) Schedule of Quantities which indicates items of work, quantity, rates, unit, amount,
- (iv) Letter of the contractor submitting the tender
- (v) Original letters of the Contractor and the Departmental officers that were exchanged before acceptance of tender.
- (vi) Letter of the Engineer-in-Charge communicating acceptance of the tender, (Letter of Intent) and
- (vii) Letter of the Engineer-in-Charge regarding commencement of the work (after submission of the Performance/Guarantee by the contractor).
- (viii) General Condition of Contract (GCC) containing CPWD Safety Code, Model Rules for protection of health and sanitary arrangements for workers employed by the ITBP or its contractors, Central PWD Contractors' Labour Regulations, Fair Wages clauses etc. should form part of the agreement.

For & on behalf of the President of India.

Signatures.....

Designation.....

Dated:



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GENERAL RULES AND DIRECTIONS:

1. Notice Inviting Tender will state the work to be carried out, as well as the date for submission and opening of tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited during submission of tender. The performance Guarantee to be deposited by the successful tenderer and the amount of security deposit to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work shall also be open for inspection by the contractor at the office of officer inviting tender during office hours. The contractor has to sign in relevant register with address as a token of seeing understanding detail about work.
2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
3. Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.
4. The rate(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and considering more than fifty paise as rupee one. In case the lowest tendered amount (worked out on the basis of quoted rate of Individual items) of two or more contractors is same, then such lowest contractors may be asked to submit sealed revised offer quoting rate of each item of the schedule of quantity for all sub sections/sub heads as the case may be, but the revised quoted rate of each item of schedule of quantity for all sub sections/sub heads should not be higher than their respective original rate quoted already at the time of submission of tender. The lowest tender shall be decided on the basis of revised offer. If the revised tendered amount (worked out on the basis of quoted rate of individual items) of two or more contractors received in revised offer is again found to be equal, then the lowest tender, among such contractors, shall be decided by draw of lots in the presence of SE of the circle, or CE of the zone EE(s) in-charge of major & minor component(s) (also DDH in case Horticulture work is also included in the tender), and the lowest contractors those have quoted equal amount of their tenders.

In case of any such lowest contractor in his revised offer quotes rate of any item more than their respective original rate quoted already at the time of submission of tender, then such revised offer shall be treated invalid. Such case of revised offer of the lowest contractor or case of refusal to submit revised offer by the lowest contractor shall be treated as withdrawal of his tender before acceptance and 50% of his earnest money shall be forfeited. In case all the lowest contractors those have same tendered amount (as a result of their quoted rate of individual items), refuse to submit revised offers, then tenders are to be recalled after forfeiting 50% of EMD of each lowest contractors. Contractor, whose earnest money is forfeited because of non-submission of revised offer, or quoting higher revised rate(s) of any item(s) than their respective original rate quoted already at the time of submission of his bid shall not be allowed to participate in the retendering process of the work.

- 4 a) In case of Percentage Rate Tenders, contractor shall fill up the usual printed form, stating at what percentage below/above (in figures as well as in words) the total estimated cost given in Schedule of Quantities at Schedule-A, he will be willing to execute the work. The tender submitted shall be treated as invalid if:-



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- I. The contractor does not quote percentage above/below on the total amount of tender or any section/sub head of the tender.
- II. The percentage above/below is not quoted in figures & words both on the total amount of tender or any section/sub head of the tender.
- III. The percentage quoted above/below is different in figures & words on the total amount of tender or any section/sub head of the tender

Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort including conditional rebates, will be summarily rejected.

- 4 b) In case the lowest tendered amount (estimated cost + amount worked on the basis of percentage above/below) of two or more contractors is same, such lowest contractors will be asked to submit sealed revised offer in the form of letter mentioning percentage above/ below on estimated cost of tender including all sub sections/sub heads as the case may be, but the revised percentage quoted above/below on tendered cost or on each sub section/ sub head should not be higher than the percentage quoted at the time of submission of tender. The lowest tender shall be decided on the basis of revised offers.

In case any of such contractor refuses to submit revised offer, then it shall be treated as withdrawal of his tender before acceptance and 50% of earnest money shall be forfeited.

If the revised tendered amount of two more contractors received in revised offer is again found to be equal, the lowest tender, among such contractors, shall be decided by draw of lots in the presence of Second in Command (Engr) / DIG (Engr), ITBP & the lowest contractors those have quoted equal amount of their tenders.

In case all the lowest contractors those have quoted same tendered amount, refuse to submit revised offers, then tenders are to be recalled after forfeiting 50% of EMD of each contractor. Contractor(s), whose earnest money is forfeited because of non-submission of revised offer, shall not be allowed to participate in the re-tendering process of the work.

5. The officer inviting tender or his duly authorized representatives will open tenders in the presence of any intending contractors who may be present at the time.
6. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.
7. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgement or payment to the officer inviting tender and the contractor shall be responsible for seeing that he procures a receipt signed by the officer inviting tender or a duly authorized Cashier if EMD & other papers are submitted by hand.
8. In item rate tender only, rates quoted shall be considered. Any tender containing percentage below/ above the rates quoted is liable to be rejected. Rates quoted by the contractor in Item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the contractor does not work out the amount of an item or it does not correspond with the rates written either in

figures or in words, then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount. In the event of no rate has been quoted for any item(s), leaving space both in figure(s), word(s), and amount blank, it will be presumed that the contractor has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.

9. In the case of any tender where unit rate of any item/ items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.
10. In case of Percentage Rate Tenders only percentage quoted shall be considered. Any tender containing item rates is liable to be rejected. Percentage quoted by the contractor in percentage rate tender shall be accurately filled in figures and words, so that there is no discrepancy.
11. In Percentage Rate Tender, the tenderer shall quote percentage below/above (in figures as well as in words) at which he will be willing to execute the work. He shall also work out the total amount of his offer and the same should be written in figures as well as in words in such a way that no interpolation is possible. In case of figures, the word 'Rs.' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs. 2.15P and in case of words, the word 'Rupees' should precede and the word 'Paisa' should be written at the end.
 - (i) The contractor whose tender is accepted shall be required to deposit an amount equal to 5% of the tendered value of the work as performance guarantee within the period as specified in schedule- 'F' in the form of an irrevocable bank guarantee bond of any scheduled bank in accordance with the form prescribed, fixed deposit receipt or demand draft in favour of **DIG, SHQ(Patna)**.
 - (ii) The contractor whose tender is accepted, will also be required to furnish by way of Security Deposit for the fulfillment of his contract, an amount equal 2.5% of the tendered value of the work. The Security deposit may also be recovered by deductions from the running bills as well as final bill of the contractor at the rates mentioned above. The Security amount will also be accepted in the shape of Government Securities. Fixed Deposit Receipt of a Scheduled Bank or State Bank of India will also be accepted for this purpose provided confirmatory advice is enclosed.
12. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.
13. GST or any other tax applicable in respect of inputs procured by the contractor for this contract shall be payable by the Contractor and Government will not entertain any claim whatsoever in respect of the same. However, component of GST at time of supply of service (as provided in CGST Act 2017) provided by the contract shall be varied if different from that applicable on the last date of receipt of tender including extension if any.
14. The contractor shall give a list of both gazetted and non-gazetted ITBP employees related to him.
15. The tender for composite work includes, building work, all other works such as sanitary and water supply installations, drainage, civil work, horticulture work, roads and paths etc.

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CONDITIONS OF CONTRACT

1. DEFINITION: -

The contract means the document forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of the President of India and the contractor together with the documents referred therein including these conditions, specifications, designs, drawing and instruction issued from time to time by the Engineer-in-charge and all these documents taken together shall be deemed to form one contract and shall be complementary to one another.

2. In the contract, the following expressions shall unless the context otherwise required have the meaning.

- (i) The expression work or works shall unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract to be executed whether original, altered, substituted or additional.
- (ii) The site shall mean the land/or other places on, into through which work is to be executed under the contract or any adjacent land, path or street through which may be allotted or used for the purpose of carrying out the contract.
- (iii) The Agency / Contractor / Tenderer shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons comprising such firm or company, or the successors of such firm or company and permitted assigns of such individual, firm or company
- (iv) The President means the President of India and his successors.
- (v) The Engineer-in-charge means the Engineer officer who shall supervise and be in charge of the work and who shall sign the contract on behalf of the President of India as mentioned in schedule hereunder.
- (vi) Government or Government of India shall mean the President of India.
- (vii) Accepting authority shall mean the authority duly authorized to accept the tender.
- (viii) Excepted Risk are risks due to riots (other than those on account of contractor's employees), war (whether declared or not) invasion, act of foreign enemies, hostilities, civil war, rebellion revolution, insurgency, military or usurped power, any acts of Government, damages from aircraft, acts of God such as earthquake, lightening, unprecedented floods and other causes over which the contractor has no control and accepted as such by the Accepting Authority or causes solely due to use or occupation by Government of the part of the works in respect of which a certificate of completion has been issued or a cause solely due to Government's faulty design of works
- (ix) Market rate shall be the rate as decided by the accepting authority on the basis of the cost of materials and labour at the site, where the work is to be executed plus the applicable percentage i.e. 15% to cover all over heads and profits.



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Provided that no extra overheads and profits shall be payable on the part(s) of work assigned to other agency(s) by the contractor as per terms of contract.

Schedule(s) referred to in these conditions shall mean the relevant schedule(s) annexed to the tender papers or the standard Schedule of Rates of the government mentioned in Schedule 'F' hereunder, with the amendments thereto issued up to the date of receipt of the tender.

(x) Department means ITB Police Force or any department of Government of India, which invites tender on behalf of President of India

(xi) District specifications mean the specification followed by the state Government in the area where the work is to be executed.

(xii) Tender value means the value of the entire work as stipulated in the letter of award.

(xiii) Date of commencement of work: The date of commencement of work shall be the date of start as specified in schedule 'F' or the first date of handing over of the site, whichever is later, in accordance with the phasing if any, as indicated in the tender document.

(xiv) GST shall mean Goods and Service Tax - Central, State and Inter State.

Scope and Performance

3. Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.
4. Headings and Marginal notes to these General Conditions of Contract shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof the contract.
5. The contractor shall be furnished, (if demanded) one copy of contract document except standard specifications, Schedule of Rates and such other printed and published documents, together with drawings as may be forming part of the tender papers. None of these documents shall be used for any purpose other than that of this contract.

Work to be carried out

6. The work to be carried out under the contract shall except as otherwise provided in these conditions, include all labour, materials, tools and plants equipment and transport which may be required in preparation of and for and in the full entire execution and completion of the works. The description given in the schedule of quantities shall unless otherwise stated, be held to include wastage on materials, cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labour necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.

Sufficiency of tender:

7. The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the work and the rates and prices quoted in the schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the contract and all matters and things necessary for the proper completion and maintenance of the works.



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Discrepancies and adjustment of Errors

8. The several documents forming the contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figured dimensions in preference to scale and special conditions on preference to general conditions.

8.1 In the case of discrepancy between the schedule of quantities, the specifications and/or the drawings, the following order of preference shall be observed.

- i) Description of items given in Schedule of Quantities.
- ii) Technical Specification and Special Conditions.
- iii) Drawings.
- iv) C.P.W.D. Specifications.
- v) Indian Standard Specifications of B.I.S.
- vi) Decision of Engineer-in-Charge.

9. The contract or release the contractor from the execution of the whole or any part of the works comprised there in according to drawings and specifications or from any If there are varying or conflicting provision made in any one document forming part of the contract, the accepting authority shall be the deciding authority, with regard to the intention of the documents and his decision shall be final and binding on the contractor.

a. Any error in description quantity or rate in schedule of quantities or any omission there from shall not vitiate of his obligations under the contract.

10. Signing of Contract: The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

(i) The notice inviting tender, all the documents including drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.

(ii) Standard CPWD Form as mentioned in Schedule 'F' consisting of:

- (a) Various standard clauses with corrections up to the date stipulated in Schedule 'F' along with annexures thereto.
- (b) CPWD Safety Code.
- (c) Model Rules for the protection of health, sanitary arrangements for workers employed by CPWD or its contractors.
- (d) CPWD Contractor's Labour Regulations.
- (e) List of Acts and omissions for which fines can be imposed.

(iii) No payment for the work done will be made unless contract is signed by the contractor.



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Additional Information To Contractor

- 1.0 “CPWD Specifications” wherever appearing in this document would mean Latest edition of CPWD specifications with correction slips issued up to the last date of receipt of tender.
- 2.0 GCC 2023 referred in this document is Govt of India Publication and is available in the market.
 - a) Form 7/8, forming part of ‘GCC 2023’ shall be superseded by this document.
 - b) Wherever “President of India” is appearing in the GCC 2023 same shall be read as ITBP.
 - c) Wherever Superintending Engineer is appearing in GCC 2023, it may be read as DIG/Comdt Engineer.
 - d) Wherever CPWD or PWD is appearing in GCC 2023, it may be read as ITBP.
- 3.0 Unless otherwise provided in the schedule of quantities the rates tendered by the contractor shall be all-inclusive and shall apply to all heights, levels, depths, leads, lifts including shafts, machine room & stair cases. The rates for all items of work, unless clearly specified otherwise, shall include the cost of all labour, materials, and other inputs involved in the execution of the items.
- 4.0 No foreign exchange shall be made available by the department for the purpose of procurement of equipment, plants, machinery, materials of any kind or any other items required to be carried out in execution of work.
- 5.0 The contractor or his authorized representative should always be available at the site of work to take instructions from Engineer in charge, and ensure proper execution of work.
- 6.0 No work shall commence in the absence of contractor’s engineers and they shall certify in writing about the correctness of layout, alignment and shall ensure stability of all structural work such as partition panel and other related items.
- 7.0 All work and materials brought and left upon the ground by the contractor or by his orders for the purpose of forming part of the works, are to be considered to be the property of the ITBP and the same are not to be removed or taken away by the contractor or any other person without consent in writing of the Engineer-in-charge but the ITBP is not to be in any way responsible for any loss or damage which may happen to or in respect of any such work or materials either by the same being lost or damaged by weather or otherwise.
- 8.0 The contractor shall execute the different items simultaneously, as far as possible, so that minimum breakage and repairs are involved.
- 9.0 The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants of adjacent properties and to the public in general and to prevent any damage to such properties and any pollution of environment and waterways. He shall make good at his own cost and to the satisfaction of the Engineer-in-Charge, any damage to public or private property whatsoever caused by the execution of the work or by traffic brought thereon by the contractor. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the occupants/users of adjoining buildings.
- 10.0 All associated activities required for obtaining necessary clearances, permissions, approvals, all licenses etc. as required from all concerned authorities in respect of installation and commissioning shall be the responsibility of the contractor, the cost for which shall be deemed to be included in the rates for various items of work of Schedule of Quantities. However, actual statutory fee paid to the concerned authorities for obtaining approvals if any, shall be reimbursed by the ITB Police on production of proof of payment made by the Contractor.
- 11.0 The contractor shall be responsible for watch and ward of all the works, equipment and various materials till complete handing over of works.

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- 12.0 Wherever any reference to any Indian Standards Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued there to or revisions thereof if any, up to the date of receipt of tenders.
- 13.0 The site of work may be at one or more places and at any floor up to six levels for which nothing extra shall be paid.
- 14.0 Cess @ 1% of gross value of work done shall be deducted from the payment as per Construction Workers Welfare Cess Act 1996 besides other statutory deduction like income tax, GST etc.
- 15.0 The contractor shall be fully responsible for rectifying the defect, which may happen during the use up to 12 months from the date of completion of the work. The decision of Engineer-in-Charge in this regard shall be final & binding. In case the contractor fails to carry out the said repairs, rectifications, replacement within the specified time, the department shall get the repairs / rectifications / replacement as considered necessary at the cost of the contractor by recovering the cost from the security deposit. In case additional expenditure is incurred by the department on this account, the same shall be borne by the contractor.
- 16.0 The rates quoted by the contractor shall be all inclusive keeping in mind the specifications, special conditions and technical specifications and nothing extra shall be payable whatsoever, unless otherwise specified.
- 17.0 If the work is carried out in more than one shift or during night to meet the time period of completion, nothing extra shall be paid on this account.
- 18.0 Contractor shall have to make own arrangement for water & electricity, otherwise 1% of gross amount shall be deducted from the dues of the contractor.
- 19.0 The contractor shall follow the instruction and restrictions imposed by the Administration / Police authorities on the working and movement of labour / material / vehicles etc and nothing extra shall be paid on this account. Contractor shall be responsible for getting necessary Clearances/passes from Police/other authorities before start of work.
- 20.0 All the materials are to be got approved from the Engineer-in-Charge before using the same in the work.
- 21.0 Agency shall ensure execution of work in accordance with specifications / nomenclature of work and preparation of surface shall be got checked and approved from Engineer -in charge.
- 22.0 Contractor will have to deposit G.S.T himself as per Govt. rule/norms and must submit the certificate to ITB Police.

23.0 Taxes and Duties

The tender is for entering into percentage rate works contract. The rates shall be inclusive of all taxes, duties, levies, cess, packing, transportation, handling etc. Statutory deduction of GST as applicable shall be made at source from each running/final bill payment. A certificate of TDS shall be issued by the department to the contractor.

24.0 Acceptable Makes:

The acceptable makes of the various equipment's/components/accessories have been indicated in "Acceptable Makes" annexed with this document. The bidders shall work out the cost of the offers on this basis.

- 1. Successful bidder is to comply with the Public Procurement (Preference of Make in India), Order 2017 dated 15.06.2017, while executing the contract. If any provision made elsewhere**

in this NIT, which in contravention with the Make in India policy, the latter shall have preference over the former. Engineer-in-charge will have the final authority to take appropriate decision in the matter.

25.0 Safety Codes and Labour Regulations

- i) In respect of all labour employed directly or indirectly on the work, the contractor at his own expense, will arrange for the safety provisions as per the statutory provision, B.I.S. recommendations, factory act, and workman's compensation act. CPWD code and instructions issued from time to time. Failure to provide such safety requirements would make the tenderer liable for penalty. In addition, the Engineer-in-charge shall be at liberty to make arrangements and provide facilities as aforesaid and recover the cost incurred thereon from the contractor.
- ii) The contractor shall provide necessary barriers, signals and other safety measures wherever necessary so as to avoid accident. He shall also indemnify CPWD against claims for compensation arising out of negligence in this respect. Contractor shall be liable, in accordance with the Indian law and Regulations for any accident occurring due to any cause. The department shall not be responsible for any accident occurred or damage incurred or claims arising there from during the execution of work. The contractor to cover the risk. No extra payment would be made to the contractor due to the above provisions thereof.

26.0 General security restrictions are given as under:

- a) No inflammable materials including P.O.L. shall generally be stored at site of work.
- b) The movement of trucks and vehicles will be regulated in accordance with rules and regulations as approved by competent authorities.
- c) The contractor shall inform in advance, the truck registration number, ownership of the trucks, names and address of the drivers and labours for necessary action by the security agency.
- d) Due to the site conditions, no space for construction of go down and stay of site staff may be allowed.
- e) Names and addresses of labourers/staff along with identity proof and residence address proof etc. working at site shall be furnished in advance for security verification for issue of passes.
- f) The labourers/staff should not be changed too frequently once the verification of the character and antecedents in done.
- g) As and when there will be security requirements, certain additional restrictions can be proposed as per the requirement of the situation.
- h) **Identity Cards:-** The identity cards will be issued to the workmen employed by the contractor after proper police verification for which Contractor shall submit a list of workers to be deployed on site of work. The cost of photos would be borne by the contractor. They will be required to carry the identity-cards with them during their working inside the building.
- i) Due to security constraints, all the working personal may not be allowed to carry the mobile phone or any other electronic gadgets. The instruction of security personal in this regard shall be followed religiously.

i) Therefore, in view of the situation explained under above paragraphs the tenderer

must visit the site and must get himself acquainted with the proposed site of work, study specifications and conditions carefully before tendering rates. Nothing extra shall be paid on account of compliance of any of these clauses. The hindrance due to security constraints shall be not be accounted towards adjustment of completion time mentioned in the tender document.

27.0 Works to be arranged by the department

Unless otherwise specified in the tender documents, the following works shall also be arranged by the Department:

- i) Space for accommodating all the equipment and components involved in the works. However, arrangement to make it lockable and its watch & ward shall be made by contractor himself.

28. Payment Plan of the Project

i) Running payment for the completed and measured work will be checked and submitted by SHQ (Patna) to RPAO, Patna or any other officer as notified by ITBP, Directorate from time to time. Payment will be made directly into the bank account of the main contractor.

(ii) As per Clause 7 in Schedule "F" minimum amount for running account bill is Rs. 50 Lakh and 15 Lakh for Civil and Electrical work respectively. However, R.A. bill for amount lesser than the amount mentioned in clause 7 may be processed, if fund is available with the unit but contractor cannot be compelled for it.



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Proforma of Schedules

SCHEDULES (Civil & Electrical)

SCHEDULES – A

Schedule of quantities (as per PWD-3)	As per BOQ
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SCHEDULE – D

Extra schedule for specific requirements/ documents for the work, if any	General Conditions, Additional Specifications
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SCHEDULE - E

Reference to General Condition of contract	General Conditions of Contract 2023 (Construction work) CPWD-7 with upto date corrections slip issued till last date of submission of bid.
Name of work	Up gradation of Existing Second no. Main Gate with Guard room and Boundary wall at BHQ 6th Bn, ITB Police, Jalalpur, Chhapra, Bihar.
Estimated cost of work	Rs. 44,50,855/-
Earnest money	Rs. 89,020/-
Performance Guarantee	5 % of contract amount
Security Deposit	2.5 % of tendered value.

SCHEDULE – F

GENERAL RULES & DIRECTIONS:

Officer Inviting Tender	Second in Commandant (Engr), SHQ (Patna) ITBP Force or successor thereof
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	See below

Definitions:

2(vi)	Engineer-in-charge	Second in Command (Engr), SHQ(Patna) ITBP Force or successor thereof
2(viii)	Accepting Authority	Second in Command (Engr), SHQ(Patna)
2(x)a	Percentage on cost of materials and labour to cover all overheads and	15%


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	profits	
2(x)b	Standard Schedule of Rates i) Civil work ii) Electrical Work	i) DSR -2023 as amended / modified upto day previous to last date of submission of Bid and Market rates for Non DSR Item. ii) DSR & E&M 2022 as amended/modified upto day previous to last date of submission of bid & market rates for non DSR item.
2(xi)	Department	Indo Tibetan Border Police Force
9(ii)	Standard CPWD contract Form GCC 2023 (Construction work), C.P.W.D Form 7/8 as modified and corrected up to last date of submission of bid.	CPWD Form- 7/8 as applicable

Clause1

(i)	Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and Applicable Labour Licenses, registration with EPFO, ESIC or proof of applying thereof from the date of issue letter of acceptance.	07 Days
(ii)	Maximum allowable extension with late fee @ 0.10% Per day of Performance Guarantee amount beyond the period provided in (i) above	07 (Seven) days

Clause 2

Authority for fixing compensation under clause 2	DIG (Engr), ITBP
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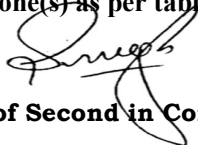
Clause 2A

Whether Clause 2A shall be applicable No

Clause-5

Number of days from the date of issue of letter of acceptance of work for reckoning date of start	10 (Ten) days or date of handing over the site, whichever is later
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Mile stone(s) as per table given below: -



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Sl.No	Description of Milestone(s) (Physical)	Time allowed (From date of start)	Amount to be withheld in case of non-Achievement of milestone(s)
1.	Approval of design mix, installation of batch mix plant, Setup of laboratory with minimum equipment for material testing at site. C/O site office & labour huts, Development of plot by cutting of earth upto proposed finished ground level for the building. Obtaining trade licence, labour licence & other statutory licence.	90 days	1% of tender amount
2.	All work up to plinth level i/c Foundation work, development work including leveling of ground, soil stabilization, etc as per approved drawings.	180 days	1% of tender amount
3.	RCC work upto Ground floor slab and completion of Ground floor brick work i/c internal electrical conduiting.	270 days	1% of tender amount
4.	Completion of all brick work with complete fixing of door frame, all internal electrical conduiting works, completion of flooring, plastering works, placing of water tanks, sanitary fittings, plumbing work and completion of electrical wiring work i/c installation of switch board etc.	450 days	1% of tender amount
5.	Internal and external finishing, all electrical work i/c testing of all electrical equipment's, Fire Fighting system i/c fire alarm system, leveling, dressing and site clearance i/c handing over to the ITBP, complete in all respect.	18 months	1% of tender amount

Note1: Withheld amount shall be released if and when subsequent milestone is achieved within respective time specified. However, in case of milestone are not achieved by the contractor for the work, the amount shown against milestone shall be withheld.

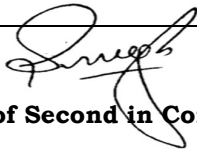
Note 2: The decision of Engineer-In-Charge regarding activity achieved against milestone shall be final and binding in the contractor.

Note 3: Intending Bidder may submit phasing of activities/ milestone based on their resources and methodology at the time of bidding corresponding physical milestone stages indicated in the above table. These shall form part of the agreement after approval of the accepting authority, otherwise it should be assumed that agency agrees with above mentioned milestones.

Time allowed for execution of work	18 Months
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Authority to decide:

(i)	Extension of time under clause 5	Second in Command (Engr), SHQ(Patna)
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(ii)	Rescheduling of mile stones	Second in Command (Engr), SHQ(Patna)
(iii)	Shifting of date of start in case of delay in handing over of site	Second in Command (Engr), SHQ(Patna)

Performa of schedule clause 5 schedule of handing over of site.

Part	Portion of site	Description	Time period for handing over reckoned from date of issue of letter of intent
Part A	Portion without any hindrance	Full Site Available	Immediate
Part B	Portion with encumbrances	-	Not Applicable
Part C	Portions dependent on work of other agencies	-	Not Applicable

Schedule of Issue of design

Part	Portion of design	Description	Time period for issue of design reckoned from date of receipt of tenders
Part A	Portion already included in NIT	-	Immediate
Part B-1	Portion of Architectural designs to be issued	-	Immediate
Part B-2	Portions of Civil designs to be issued	-	Immediate
Part B-3	Portions of E&M designs to be issued	-	Immediate

Clause 6

Computerized Measure Book CMB / Electronic Measurement Book (EMB)	CMB / Manual MB (As approved by Engineer-in-charge).
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Clause 7

Gross work to be done together with net payment/adjustment of advances for material collected, if any, since the last such Payment for being eligible for interim payment.	50 Lakh (Civil Work) 15 Lakh (Electrical Work)
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Clause 7A

Whether applicable or not applicable	Yes Applicable
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Clause 8A

Authority to decided compensation on account if contractor fails to submit completion plans (@ 0.1% of tender value)	Second in Command (Engr), SHQ(Patna)
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Clause 10 A – Applicable

List of testing equipment's to be provided by the contractor at site lab as per decision of Engineer-in-charge:

- i. Balances-
 - (1) 7 Kg to 10 Kg capacity, semi self-indicating type – accuracy 10 gm.
 - (2) 500 gm capacity, semi self-indicating type – accuracy 10 gm.
 - (3) Pan Balance- 5 Kg capacity- accuracy 10 gm.
- ii. Oven - Electrically operated, thermostatically controlled up to 200°C, Sensitivity 1°C
- iii. Sieve: as per IS 460 -1962.
 - (1) I.S. sieves – 450 mm internal dia of size 100 mm, 80 mm, 63 mm, 50 mm, 40 mm, 25 mm, 20 mm, 12.50 mm, 10 mm, 6.30 mm, 4.75 mm complete with lid and pan
 - (2) I.S. sieves – 200 mm internal dia of size 2.36 mm, 1.18 mm, 600 microns, 425 microns, 300 microns, 150 microns, 75 microns, 50 microns, complete with lid and pan
- iv. Sieve Shaker capable of 200 mm and 450 mm dia sieve, manually operated with timing switch assembly.
- v. Equipment's for slump test- Slump Cone, Steel Plate, Tamping Rod, Steel Scale and Scoop.
- vi. Dial gauge, 25mm travel – 0.01 mm/division least count – 2 nos.
- vii. 100 tons compression testing machine, electrical cum manually operated.
- viii. Graduated measuring cylinders 200ml and 1000ml capacity.
- ix. Enamel trays (for efflorescence test for bricks and other tests).
- x. ISI marked 150 x 150 x 150 mm concrete cube moulds as per site requirement.
- xi. Vicat Apparatus
- xii. Steel tapes-3 meter / 10 meter / 50 meter
- xiii. Vernier Calipers (one number - digital)
- xiv. Screw gauge (one number - digital)
- xv. Good quality plum bobs
- xvi. Sprit levels minimum 30cms long with 3 bubbles for horizontal / vertical level.
- xvii. Wire gauge (circular type) disc
- xviii. Long nylon thread
- xix. Screw driver 30cms long
- xx. Hammer-100gms
- xxi. Theodolite /Levelling instruments/kits
- xxii. Ball pin hammer, 100 gms

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xxiii. The above list is indicative. 'Establishing site laboratory and testing material' section of NIT and as per CPWD specification 2023 Vol- I & II with all updates shall be adhered.

Clause 10-B

Whether clause 10-B (i) shall be applicable	Applicable
Whether clause 10-B (ii) & (iv) shall be applicable	Not Applicable
Whether clause 10-B (iii) shall be applicable	Not Applicable

Clause 10 C

Applicable

Component of labour expressed as percentage of value of work	25%
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Clause 10 C materials covered under this clause	Base Price excluding GST (Rs.) but i/c Carriage up to site.
1. Cement* (OPC / PPC Grade 43) (GST 28%)	6500 per ton
2. Reinforcement bars (Fe-500 D or more) Primary producers (GST 18%)	6800 per ton
3. Structure Steel (GST 18%)	6500 per ton

*Includes cement component used in RMC brought at site from outside approved RMC plants, if any.

Clause 10 CC

: Not Applicable

Clause 11

Specifications to be followed for execution of Work (Civil Work)	CPWD specifications 2023 Volume I and II, modified/corrected up to last date of submission of bid.
Specifications to be followed for execution of Work (Electrical Work)	CPWD General Specification for Electrical Works Part-I (Internal) 2023, General Specification for Electrical Works Part II (External) 2023

Clause 12

Type Of Work	Original Work
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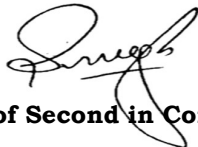
Clause 12.2 & 12.3

Deviation limit beyond which clause 12.2 & 12.3 shall apply for building work.	100%
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Clause 12.5

Deviation limit for all items	100%
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Clause 16



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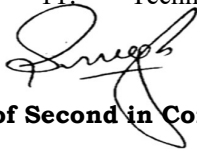
Clause 18

A- List of minimum mandatory machinery, tools& plants to be deployed by the contractor at site: **-(For Civil Works)**

i.	Semi - automatic concrete batching plant	01 no. RMC Design Mix
ii.	Steel shuttering	
	a) For foundation & footing	50 sqm
	b) For Beams	150 sqm
	c) For Columns	100 sqm
	d) For Slab	200 sqm
	e) Steel Scaffolding with adjustable flexi jack on top	200 Nos. or as directed by Engineer-in-charge keeping in view the programme submitted by the contractor for completion of the work in time.
iii.	Concrete hopper type mixer machine of full bag cement capacity	1 No.
iv.	Needle type (40 mm)	3 Nos.
v.	Plate type vibrator	2 Nos.
vi.	Water pump set for curing	2 Nos.
vii.	½ Ton Roller.	As per requirement
viii.	Wooden or Steel Rammer	As per requirement
ix.	Theodolite/ dumpy level/total station	As per requirement

B- List of minimum mandatory machinery tools& plants to be deployed by the contractor at site :- **(For Electrical Works)**

1. Earth tester
2. Megger 500 v
3. Line tester, test lamp
4. Vernier/wire guage
5. Spanner kit.
6. Chase cutting machine
7. Crimping tools
8. Tongue tester
9. Aluminium ladder
10. Chain wrench/pipe wrench.
11. Techno meter/hydrometer.



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12. Lux meter (digital)

Clause 19

Clause 19 C	Authority to decide penalty for each default	Second in Command(Engr), SHQ (Patna) ITBP
Clause 19 D	Authority to decide penalty for each default	Second in Command(Engr), SHQ (Patna) ITBP
Clause 19 G	Authority to decide penalty for each default	Second in Command(Engr), SHQ (Patna) ITBP
Clause 19 K	Authority to decide penalty for each default	Second in Command(Engr), SHQ (Patna) ITBP

Clause 25

Dispute redressal committee (DRC) will be as follows:

1.	Conciliator	IG, Eastern Ftr, ITBP, Lucknow
2.	Arbitrator Appointing Authority	I.G. (Engr), Dte. Gen.
3.	Place of Arbitration	Eastern Ftr, ITBP, Lucknow
4.	Second in Command (Engr), SHQ (Patna), ITBP will present the case before Conciliator/ Arbitrator	

Clause 32

Requirement of Technical Representative (s) & recovery Rate (As per SOP Annexure 20)

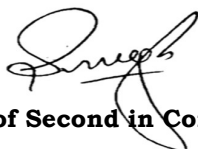
S. N.	Minimum Qualification of Technical representative	Number (of Major + Minor component)	Designation (Principal Technical/ Technical representative)	Minimum Experience (years)	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
1	Graduate Engineer or Diploma Engineer	1	Project / Site Engineer	5 or 10 years respectively	Rs 25000 per month	Rs. Twenty-Five Thousand per month
2	Graduate Engineer or Diploma Engineer	1	Planning/ Quality/ Billing Engineer	5 years respectively	Rs 15000 per month	Rs. Fifteen Thousand per month

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma Engineer with minimum 10 years relevant experience with a reputed construction co. can be treated at par with graduate engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

Technical staff for minor component shall be deployed as per requirement of work.

Clause 38



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(i) (a) Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates 2023 printed by ITBP modified/corrected up to date.

(ii) Variations permissible on theoretical quantities.

(a)	Cement	
	For works with estimated cost put to tender not more than Rs. 25 lakh.	3 % plus/minus
	For words with estimated cost put to tender more than Rs. 25 lakh	2 % plus/minus
(b)	Bitumen All Works	2.5% plus & only & Nil on minus side
(c)	Steel reinforcement and structural steel sections for each diameter, section and category.	2 % plus/minus
(d)	All other materials.	Nil
(e)	Electrical Work	Not Applicable

The brands of materials to be used in work as per approval of Engineer-in-charge are as under-



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ANNEXURE-I (Civil work)

LIST OF MATERIALS OF PREFERRED MAKE (Only Make in India)

The materials of first/standard quality from the following preferred makes or mentioned in schedule of quantity are to be used. In case it is established that the brands specified below are not available in the market, contractor shall submit alternative proposal to Engineer-in-Charge for the approval.

S.N.	Material Description	Material	
		Brand	Make
1	Ordinary Portland Cement (43 grade)	ACC	ACC cement Ltd
		Ultra Tech	Ultra Tech Cement Ltd.
		Birla	Birla Corporation Ltd.
		Dalmia	Dalmia Cement Bharat Ltd.
		Jaypee Cement	Jaypee Cement Ltd
		J.K. Cement	J.K. Cement Pvt. Ltd
		Ambuja Cement	Ambuja Cements Ltd
		Century Cement	Birla Gold Cement
		Vikram Cement	Vikram Cement Ltd.
		Shree Cement	Shree Cement Ltd.
		STAR cement	Starcement Ltd.
2	ISI Marked Corrosion Resistant Steel (CRS) of TMT reinforcement bars of required grade (Primary steel)	SAIL	Steel Authority of India Ltd.
		TISCO	TATA STEEL Ltd.
		VIZAG	Rastriya Ispat Nigam Ltd.
		JSW	JSW Steel Ltd.
		Jindal Panther	Jindal Steel & Power Ltd.
3	Adhesive	Sika	Sika India Pvt. Ltd
		Fevicol	Pidilite Industries
4	ACC Blocks	Xtralite	ULTRATECH Cement Ltd.
		Durabrik	Nabam Lite Bricks Udyog Ltd
		ACE	Biltech ACE
		Birla	Birla Aerocon
5	Wooden flush door Shutters	Jayna Flush Doors	Jain Wood Industries
		Duro Flush doors	Duro Ply Industries
		Century	Century Flush Doors
6	Water Proof Plywood, Commercial ply, Fire retardant ply and block boards	Jayna ply	Jain Wood Industries
		Green Ply	Green ply Industries Ltd.
		Duroply	Duro Ply Industries Ltd.
		Centuary ply	Centuary Flush Doors
7	Laminate	Green Lam	Green lam Industries Ltd.

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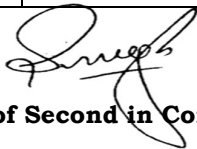
Sign of Tenderer

		Century	Centuary laminates
		Merino	Merino laminates
		Archidply	Archid ply industries Ltd.
		Sunmica	Sunmica Industries
		Formica	Formica Laminates (India) Pvt.Ltd
		Decolam	Decolam India Pvt. Ltd.
8	Prelaminated particle board exterior grade	Novapan	GVK Novapan Industries Pvt. Ltd.
		Archid ply	Archid ply industries Ltd.
		Centuary	Centuary MDF
		Action Tesa	Action Tesa
		Green Lam	Green lam Industries Ltd.
9	High Density (HDF) Prelaminated board	Green Ply	Green ply industries Ltd.
		Novapan	GVK Novapan Industries Pvt. Ltd.
		Action Tesa	Action Tesa
10	Gypsum board	Gypsum Saint Gobain	Saint Gobain Gyprock India Ltd.
		Armstrong	Armstrong wood Industries
11	Glass door hardware	Hafele	Hafele India Pvt. Ltd
		Ozone	Ozone Hardware
12	Locks & Latches	Godrej	Godrej locking solutions & systems
		Hafele	Hafele India Pvt. Ltd
		Harrison	Harrison locks
		Kodia	V.P. Industries
13	UPVC doors, door frames and windows	Finesta	Fenasta DCM Shriman
		KOMMERLING	Profile India Window Technology Pvt. Ltd.
		Duroplast	Duroplast Window Extursion Pvt. Ltd.
		Promenace	Assam Plastoalu Solution
14	PVC Doors and frames	Sintex	Sintex plastic technology Ltd.
		Duroplast	Duroplast extrusion Pvt. Ltd.
		Rajshri	Rajshri Productions Pvt. Ltd.
15	Float Glass	Saint Gobain	Saint Gobain India Pvt. Ltd
		Asahi	Asahi India glass Pvt. Ltd
		Modiguard	Gujarat Guardian Ltd.
16	Reflective Glass	Saint Gobain,	Saint Gobain India Pvt. Ltd
		Asahi	Asahi India glass Ltd.
		Modifloat	Gujarat Guardian Ltd.
17	Tempered reflective/ clear glass	Saint Gobain,	Saint Gobain India Pvt. Ltd
		Asahi	Asahi India glass Ltd.
		Modifloat	Gujarat Guardian Ltd.
18	Vitrified tiles	NITCO	NITCO Ltd
		RAK	RAK Ceramic India Pvt Ltd.
		Kajaria	Kajaria Ceramic Ltd
		Somany	Somany Ceramic Ltd
		Johnson	Prism Johnson Ltd
		Orient bell	Orient bell limited

		Varmora Granito	Varmora Granito Granite Pvt. Ltd.
19	Glazed Ceramic tiles (Also wall tiles)	NITCO	NITCO Ltd
		RAK	RAK Ceramic India Pvt Ltd.
		Kajaria	Kajaria Ceramic Ltd
		Somany	Somany Ceramic Ltd
		Jhonson	Prism Jhonson Ltd
		Orient bell	Orient bell limited
		Varmora Granito	Varmora Granito Granite Pvt. Ltd.
20	Floor Spring (For non DSR items)	OZONE	Ozone Hardware
		DORMA	Dorma Pvt. Ltd.
		Godrej	Godrej & Boyce
21	Vitrified paving tiles	PAVIT	PAVIT ceramics Pvt Ltd.
		NITCO	NITCO Ltd
22	UPVC pipes and fittings (Rain water pipes)	Supreme	Supreme Industries Ltd.
		Prince	Prince pipes and fittings Ltd.
		Finolex	Finolex Industries Ltd.
23	False ceilings	Aerolite	Andhra Polymers Pvt. Ltd/Aerolite Industries Pvt. Ltd.
		Armstrong	Armstrong world industries
		Hunter Douglas	Hunter Douglas
		Saint Gobain Gyproc	Saint Gobain Gyproc India
24	False Ceiling Members (Perimeter, Ceiling section, intermediates, angles etc.)	Aerolite	Andhra Polymers Pvt. Ltd/Aerolite Industries Pvt. Ltd.
		Armstrong	Armstrong world industries
		Hunter Douglas	Hunter Douglas
		Saint Gobain Gyproc	Saint Gobain Gyproc India
25	Synthetic enamel paint	Premium gloss enamel	Asian paint Ltd.
		Dulux	ICI dulux Ltd.
		Nerolac	Nerolac Paints Ltd
		Berger	Berger Paints
26	Pink Primer	Wood primer	Asian paints Ltd.
		Berger	Berger Paints
		Nerolac	Nerolac Paints Ltd
		Berger	Berger Paints
27	Red Oxide Zinc Chromate Primer	High Performance yellow metal primer	Asian paints Ltd.
		Dulux	ICI Dulux Ltd.
		Nerolac	Nerolac
		Berger	Berger Paints
28	Oil Bound Distemper	Tractor Aqalock	Asian Paint
		Dulux (Maxilite)	ICI Dulux Ltd.
		Nerolac	Nerolac
		Berger (Bison)	Berger Paints
29	Acrylic emulsion	Premium emulsion	Asian Paint
		Dulux (Super Cover)	ICI Dulux
		Nerolac (Beauty Gold)	Nerolac
		J & N Paints	Jension & Nicholson Pvt. Ltd.

		Berger (BISM)	Berger Paints
30	Water Proof Cement Paint	Asian Exterior wall primer	Asian Paint
		Berger	Berger Paints
		Snowcem	Snowcem (India) Pvt. Ltd.
		ICI DULUX	ICI Dulux
		J & N Paints	Jension& Nicholson Pvt. Ltd.
31	Acrylic Smooth exterior paint	Dulux	ICI dulux
		Apex	Asian paints
		Nerolac	Nerolac
		Berger	Berger
		Nippon	Nippon
		J & N Paints	Jension & Nicholson Pvt. Ltd.
32	Premium Acrylic smooth exterior paint with silicon additives	ULTIMA	Asian paint
		Dulux	ICI dulux
		Nerolac Excell Top Guard	Nerolac
		Weath	Berger
33	Cement based wall putty	J.K. wall putty	J.K. Cement Ltd.
		Birla wall care	Birla Cements Ltd.
34	Acrylic textured plaster	Asian Paints	Asian Paints
		Matt Nexon Acrylic	Bhimineni Paints
		Magitech Acrylic	Magitech Infra Build PVT LTD
35	Melamine Polish	Asian Paints	Asian Paints
		Wembley	Wembley paints and chemicals
		Dulux	ICI Dulux
36	Fire retardant paint	Hilti	Hilti India
		Asian Paints	Asian Paints
37	Cement Primer	Asian Paints	Asian Paints
		Snowcem	Snowcem India Ltd.
38	Epoxy Paint	Asian epoxy	Asian paints
		Berger	Berger paints India Ltd.
		Nerolac	Nerolac
39	Mirror	Modi Guard	Gujarat Guardian Ltd.
		Saint Gobain	Saint Gobain Glass India Ltd,
		AIS mirror	Asahi India glass Ltd,
40	Vitreous Commades/ Washbasin	Hindware	HSIL Ltd.
		Roca	ROCA Bath room Products
		Parryware	ROCA Bath Pvt. Ltd
		Kohler	Kohler world wide
		Cera	CERA Sanitary ware Ltd.
		Jaguar	Jaguar Group
		Grohe Neycer	Neycer Sanitary Wares
41	Flushing Cistern	Parryware	ROCA Bath Pvt. Ltd.
		Hindware	HSIL Ltd
		CERA	Cera Sanitary ware Ltd.
		Jaguar	Jaguar Group
42	SWR PVC Pipes & fittings	Supreme	Superme Industries Ltd.

		Astral	Astral polytechnik Ltd.
		Finolex	Finolex Industries Ltd.
		Prince	Prince Pipes and fittings
43	Stainless Steel Kitchen sink	Nilkanth	Nilkant
		Nirali	Jvoti (India) metal industries Pvt Ltd.
		Jayna	Jayna
		Kraus	Karus Co.
45	Centrifugally Cast (Spun) Iron Soil Pipes	Neco	Jayaswal Neco Ltd
		Hepco	Binay Udyog Pvt. Ltd.
		Bengal Iron Corporation	Bengal Iron Corporation
46	G.I. Pipes	TATA	TATA Steel Ltd.,
		HISSAR	HISSAR
		Jindal Hissar	Jindal Pipes Ltd.,
		Unik	Unik Pipe Fittings Co.
47	G.I. Pipes Fittings	TATA	TATA Steel Ltd.,
		Unik	Unik malleables
		Jindal Hissar	Jindal Pipes Ltd.,
48	Water Supply Valves	Zoloto	Zoloto Industries
		Leader	Leader valves Ltd.,
		R B	Arco valves Pvt. Ltd.
		STUD	Nanda Miller company
49	CPVC Pipes and fittings	Supreme	Supreme Industries Ltd.
		Finolex	Finolex Industries Ltd.
		Astral	Astral Polytechnik Ltd.,
		Prince	Prince Pipes and fittings Ltd.
		Truflo	HIS Ltd.
		Birla Aerocon	HIL Ltd.
		Ashirwad	Ashirwad PVC Pipes
		Flowqard	Flowqard
		SFMC	SFMC
		Fusim Industries, Delhi	Fusim Industries, Delhi
		Ajay Industrial Co. Ltd.	Ajay Industrial Co. Ltd
50	DI Pipes	Electro steel	Electro steel
		Kapilansh	Kapilansh
		Keshoram	Keshoram
51	DI Fittings	Electro steel	Electro steel
		Kapilansh	Kapilansh
		Keshoram	Keshoram
52	Water supply fixtures like bibcock, shower panels	Jaguar	Jaguar Group
		Roca	Roca bath room products Pvt. Ltd,
		Parryware	Parryware
		Kingston	Kingston brass india
		Johnson	Prism Jhonson Ltd
		Hindware	HSIL Ltd.
		Kohler	Kohler Co.



Sign. of Second in Command (Engr)

Sign of Tenderer

		Roca Kerovit	Kajaria Group
53	Centrifugally (spun) Cast Iron	Kesoram	Kesoram Industries Ltd.
		Electrosteel	Electrosteel castings Ltd.
		Neco	JayaswalNeco Ltd
		Benqal Iron Corporation	Benqal Iron Corporation
54	Spun Cast Iron Fittings	Kesoram	Kesoram Industries Ltd.
		Electrosteel	Electrosteel castings Ltd.
		Neco	JayaswalNeco Ltd
		Benqal Iron Corporation	Benqal Iron Corporation
55	CI double flanged non return valve	Zoloto	Zoloto Industries
		Leader	Leader valves Ltd.
56	Gun metal Valves	Zoloto	Zoloto Industries
		Leader	Leader valves Ltd.
57	RCC Pipes (ISI marked only)	Indian Hume Pipe	Indian Hume Pipe Ltd.,
		Madurai spun pipe	Madurai spun pipe company
		Shri Balaji	Shri Balaji Spun Pipes
		Jain & Co.	Jain Spun pipes Ltd.
		Lakshmi Sood & Sood	Lakshmi Sood & Sood Pipe Co.
58	CI Manhole Cover	Neco	Jayaswal Neco Ltd.
		KK	KK Manhole and gratings Co Pvt Ltd.
		Benqal Iron Corporation	Benqal Iron Corporation
59	Spun Cast Iron Covers & gratings	Neco	Jayaswal Neco Ltd.
		Kapilansh Centrifugal	Kapilansh Dhatu Udyog(P) Ltd.
		S.K. Foundry	SINGHALIRON FOUNDARY Pvt. Ltd.
60	Aluminium doors/ Windows section	Hindalco	Hindalco Industries Ltd.
		Bhagwati Sai	Bhagwati Sai Metal Alloys
		Halco	Halco Aluminium Extrusions
		Jindal	Jindal Aluminium Ltd.
61	Aluminium systems/ Anodisedaluminium fittings for doors windows	Everite	Everite Agencies
		Crown	Crown Industries
		Classic	Classic Hardware, India
62	Water Proofing compound	Fosroc	Fosroc India
		Sika	Sika India
		Dr. Fixit	Pidilite Industries
63	Membrane Water proofing system	Dr. Fixit	Pidilite Industries
		Fosroc	Foroc India
64	Chemical Water Proofing system	Sika	Sika India
		Dr. Fixit	Pidilite Industries
		Fosroc	Foroc India
65	PVC Perforated Pipes Epoxy	Finolex	Finolex Industries Ltd.
		Supreme	Supreme Industries
		Prince	Prince Piping System
66	Readymade Gypsum Plaster	Gyproc Cute 100	Gyproc India
		Kanish Plaster	Kanish Plaster

67	Epoxy	Ultra tech	Ultra teck cements Ltd.
		Ardex Endura	Ardex Endurance Ltd.
		Dr. Fixit	Pidilite Industries
		San Harvic	San Harvic
		Street Plast	Steelplast Machines
68	Steel Windows/ Pressed Steel Frames	Madhu Industries	Madhu Industries,
		San Harvic	San Harvic
69	PVC Door Frames & Shutters	Rajshri	Rajshri Productions Pvt. Ltd.
		Sintex	Sintex plastic technology Ltd.
70	Non-Metallic Floor Surface Harners	FOSROC	Fosroc India
		Pidilite	Pidilite Industries Ltd,
71	Precoated G.I Profile Sheets (Using coils produced by primary steel producers i.e. TATA Steel, JSW steel or SAIL only)	Durshine	Tata Blue Scope steel
		JSW	JSW steel
		Dyna Roof	Dyna roof Pvt. Ltd.
		Spectrum	M/S Shalini Roofing Pvt. Ltd.
72	Metal False ceiling	Armstrong, RkCeiling,Anakon	Armstrong, Rk Ceiling, Anakon
73	Grid System or False ceiling	RK Ceiling	RK Ceiling
		Wetern Infra build, Anakon, Kingston	Wetern Infra build, Anakon, Kingston
74	Calcium Board &Tile(Ceiling/ Partition/Paneling)	Hilux, RK Ceiling /Anakon/Kingston	Hilux, RK Ceiling / Anakon/ Kingston
75	Vertical/ Roller Blinds/ Curtain	Decor, Vista, Mac	Decor, Vista, Mac
76	Acoustic Ceiling/Panelling	Earcon, Mute-Pro, Anakon	Earcon, Mute-Pro, Anakon
77	Aluminium System Door Window	Winpro/ Schuco/ Ventona/ Shankar Fenestration	Winpro/ Schuco/ Ventona/ Shankar Fenestration
78	Fire Rated Door	Navair/Promat/ASES/ja in Doors Pvt Ltd	Navair/ Promat/ ASES/ Jain Doors Pvt Ltd
79	EPDM	Bhora/Mona/Hanu	Bhora/Mona/Hanu
80	Pre-coated G.S Windows & Door frames	NCL ELIXIR	NCL ELIXIR
		Agew Steel Manufacturers	Agew Steel Manufacturers
81	SS-316 Grade Door Hardware	Dline, Dorma, Konzept, Haffle Becker FS/Insta	Dline, Dorma, Konzept, Haffle Becker FS/Insta
82	Fire rated Floor Spring/ door closer/ Mortice Lock/Door Co-ordinator	Dline, Dorma, Konzept, Haffle Becker FS/Insta	Dline,Dorma, Konzept, Haffle Becker FS/Insta
83	WPC Board	Alstone, Archidply, Amulya Mica	
84	Cement base grouting	Ultratech, Apple Chemie, BASF, Supereme Bituchem India Pvt.Ltd, Don Construction Chemicals pvt ltd	Ultratech, Apple Chemie, BASF, Supereme Bituchem India Pvt. Ltd, Don Construction Chemicals pvt ltd

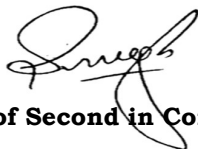
Sign. of Second in Command (Engr)

Sign of Tenderer

85	Admixtures for concrete	Cico, Kryton, Penetron	Cico, Kryton, Penetron
86	GRP Panel Tank	Sintex, Amitex or their equivalent as approved by NIT approving authority	Sintex, Amitex or their equivalent as approved by NIT approving authority
87	Wooden Fire Door	Navair, Sukri, Promate	Navair, Sukri, Promate
88	Wall Paneling	Armstrong, Hilux	Armstrong, Hilux
89	Curtains	Reliance, D- Décor, Raymond	Reliance, D- Décor, Raymond
90	Stainless steel fitting	Kitch and Equipment. Or Equivalent	Kitch and Equipment. Or Equivalent
91	HDPE Pipes	Supreme	Supreme Industries
		Texmo	Texmo Pipes & Products Limited
		Jain	Jain Irrigation System Limited
92	Urinal Partition	Green lam, Milasa, Fundermax, Trepsa	Green lam, Milasa, Fundermax, Trepsa
93	CI Hubless Pipes	Hepco	Binay Udyog Pvt. Ltd.
		Neco	Jayaswal Neco Ltd
		Benqal Iron Corporation	Benqal Iron Corporation

Note:

- a) The contractor shall provide the materials as per the Make or Brand indicated above, any change in the brand mentioned above is to be approved by NIT approving authority before taking supply at site
- b) When two or more alternative brands have been mentioned, the brand to be finally used shall be as decided by the Engineer-in-Charge. Nothing extra on this account is payable.
- c) All other items shall be of ISI marked as per approved sample kept at site of work.
- d) In case the make of any material is not mentioned in this list, the same shall be got approved from NIT approving authority before use.



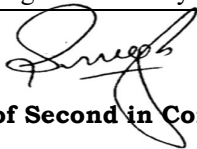
Sign. of Second in Command (Engr)

Sign of Tenderer

ANNEXURE-II (Electrical work)

List of Acceptable Makes of Electrical Items (Only Make in India)

S. N.	ITEM	Name of brand/ Manufacturers
1	FRLS PVC insulated, copper conductor single core cable (ISI Marked)	Havells/ Polycab/ RR Kabel/ KEI
2	Co-axial TV Cable RG- grade, solid copper conductor PE insulated shielded with tined copper braid and protected with PVC. Sheathed	Havells/ Polycab/ RR Kabel/ KEI
3	FRLS PVC insulated annealed copper conductor Un-Armored telephone cable	Havells/ Polycab/ RR Kabel/ KEI
4	Underground Power Cables (Armored and Un-Armored)/ UG cable(ISI Marked)	Havells/ Polycab/ RR Kabel/ KEI
5	MS Conduit (ISI Marked) and accessories (ISI Marked)	BEC/ AKG/ VIMCO/ Polycab/ RM Com.
6	PVC Conduit (ISI Marked) and accessories (ISI Marked)	AKG/Polycab/ Finolex/ BEC/ Asian/ Richa
7	Modular Switch /Modular Socket outlet	MK/ Schndier/ Legrand/ Crabtree. (Make of Modular Switch/Socket/ GI Box and accessories should be of same make)
8	Indoor LED Light Fixture	Philips/ Wipro/ Trilux/ Lighting Technologies/ Crompton/ Bajaj/ Havells
9	Energy efficient Ceiling Fan (BLDC) 5 star rated	Crompton/ Bajaj/ Havells/Orient/Usha
10	Exhaust fan/ fresh air fan	Crompton/ Bajaj/ Havells/Orient/Usha/ Almonard
11	Call bell/Buzzer	Anchor/ Richa/ Maru/ Kolars
12	Protection Device (MCB/MCB/RCCB/DB, prewired MCB DB and sheet steel Metal enclosed industrial socket etc.	Legrand/ Siemens/ L&T/ ABB/ Schneider/ Indo-Asian/Crabtree/ Hager. (Make of MCB, Isolator, DB and accessories should be of same make).
13	MCCB(Ics= 100% Icu)/ ACB/ change over switch	L&T/ Schneider/ Legrand/ Siemens/ ABB/ Havells(HIM)/ Indo-Asian.
14	Load bank double door power distribution panel (pre-fabricated)	Havells/ L&T/ Legrand/ Schneider
15	M.S. / G.I Pipes &Fittings(ISI marked)	Tata/ Jindal(Hissar)/ Surya Prakash/ Nezone/ SAIL.
16	DWC HDPE pipe	Dura line /Rex/ Gemini/ Supreme
17	Fire extinguisher	Life guard/ omex/ Safeguard/ Minimax/ Fire Shield/ Cease Fire/ Safex/ Life Guard/ Safe Guard
18	Terrace Pump	Kirloskar/ Crompton/ Jyoti/Beacon
19	Gun metal valves	Leader/ Sant/ Zoloto/ HAWA
20	Single headed Hydrant valves, 1/2/3/4 way Fire	Newage Bombay/ Minimax / Superex/



Sign. of Second in Command (Engr)

Sign of Tenderer

	Brigade inlet & shut off nozzle	Life Guard/ Safe Guard.
21	Rubber Hose for hose reel	Jyotipadmini/ Bharat/ Eversafe/ Kesra/shri(LPCB)Life Guard/ Safe Guard
22	Sluice valve, Butter fly valve, Non return valve, Stainer& other valves	Kirloskar/ Kalpana/ Sant/ Audco/ Indian Valve company/ Advance
23	Pressure switch	Indfoss/ Switzer/ Syster Sensor/ Danfoss/ Ranutrol
24	Pressure Gauges	Fiebig/ H-Guru/ Bell/ Wika/ Emerald/ Waree
25	Enamel painting of pipes etc	Asian/ GoodlasNerolac/ICI/Berger
26	Paint Primer	Asian/Jenson Nicholson/ Berger
27	Ball Valves	RB(Italy)/ Bugatti/ Zoloto/ Audoco
28	Butterfly Valve	C & R/ Intervalve/ Advance/ Audco
29	RRL Hose	NewagePriemer Bombay/ Padmini/ Eversafe Indian Rayon(Jayashree)/ Fire Marshal/ Life Guard/ Safe Guard
30	First Aid Hose Drum	Ashok/ Newage Bombay/ Eversafe/Life Guard/ Safe Guard
31	Flow Switch	System Sensor/ Switzer/ Honeywell
32	Branch Pipe	Newage Bombay/ Minimax/ Superex/ Life Guard/ Safe Guard
33	Air conditioner	Blue Star/Mitsubishi/ Voltas/ Carrier/ Toshiba/ Daikin/ O-General/ Lloyd
34	Voltage Stabilizer	V –Guard/ Micro-tech/ Syscom/ Servokon/ Bluebird/ sollatak
35	Water Heater	Havells/ Usha/ V-Guard/ Crompton/ Bajaj/ Jaguar
36	Brass Compression Gland	Baliga Lighting/ Comet/ Strip Well/ Jainson/ HMT
37	Panel Board/ feeder Pillars	Adlee Power Pvt. Ltd./ Bhopal Switchgears Pvt.Ltd./ Associate switchgears & project. Ltd / Electrokings / Marina / Bramhputra Powers & Control / SPC ElectotechPvt.ltd.(The manufacturer must have CPRI test certificate of appropriate rating not older than 5 years from the date of tender.)
38	Panel Mounting accessories	L&T/ Schneider/ ABB/ Siemens/ AE/ Kaycee/ Salzar
39	Voltmeter/ Ammeter/ Frequency Meter/ Energy Meter	L&T/ AE / Conzerv/ IMP/ MECO/ Enercon/ HPL/ Securive.
40	Microprocessor based addressable intelligent Control Nodes: (Fire alarm panel, Repeater panel, Software etc)	Siemens/System Sensor by Honeywell/ GE Security/Edward/Bosch.
41	Intelligent Notification device: (Hooter, strobes etc.)	
42	Intelligent addressable device	
43	All speakers and Loudspeakers	Martin Audio/ Bose/ Sonance/K&F
44	Power Amplifiers	Bose/Labgruppen/Powersoft

45	All Control, Switching and processing systems complete	Crestron/Extron/ AMX
46	Microphones and conferencing systems	Sennheiser/ Beyer dynamic/ Brahler
47	Audio Cables	Krystal/Gotham/ Canare/ Belden
48	Video cables	Krystal/Extron/Kramer/Crestron
49	U Listed Connectors	Neutrik/Amphenol/Switchcraft
50	Equipment rack	Valrack/Netrick/Rittal
51	LCD panels	Christie/NEC/Planer
52	Control system Touch Screen	Crestron/AMX/Extron
53	POP up Boxes	Magnum/ Creston/ Gigatronics
54	Video conferencing	Polycom/Cisco/Sony
55	Lifting Control	Lutron/ Zumtobel/Erco
56	Switch/ Router	Netgar/Cisco/D link
57	Media Player	Kramer/ Bright sign/Samsung
58	Projection and Presentation system	Christie/ Delta/ Barco/ Digital projection
59	Brackets/ Mounting arrangement	Custom
60	Occupancy/ Vacancy sensing system	Lutron/Zumtobel/Erco
61	Desktop PC	Dell/ HP/ IBM
62	Audio Processors	Bose/ Biamp/Symetrix
63	Twisted Pair Cables	Belden/Krystal/Extron
64	VRV Units/Ductable	Daikin, L.G., Hitachi,Blue star
65	Heavy Duty PVC Drain Piping	Polypack, Supreme, Prince
66	Anchor Fasteners	Hilti, Ficher
67	Refrigerant copper piping	Rajco, Mandev, Max flow
68	Addressable Multi criteria Smoke Detectors With base/Addressable Duct Type Smoke Detectors With base/Fault Isolator with base/ Addressable Heat Detectors with base/Beam Detector/Addressable Manual Call points / Addressable Control Module /Addressable Monitor Module/Sounder/Hooter cum Strobe/Fire Alarm Control Panel/PA System Panel/Telephone Jack/Hand Set/ Software/ Speaker	Notifier/Siemens/Bosch/Hochiki.

The materials of first quality from the above preferred makes having minimum local content as per DPIIT PPP-MII ORDER are to be used. In case it is established that the brands specified below are not available in the market, contractor shall submit alternative proposal for the approval of the Engineer-in-Charge. When two or more alternative brands have been mentioned, the brand to be finally used shall be as decided by the Engineer-in-Charge and as per sample approved before procurement & Installation. The contractor shall submit samples of all materials within 7 Days before procurement for approval and shall procure directly from the manufacturer or their authorized distributor / dealers only.



Sign. of Second in Command (Engr)

Sign of Tenderer

Form of Performance Security (Guarantee)

Bank Guarantee Bond

1. In consideration of the ITB Police (hereinafter called "DIG, SHQ(Patna) ITB Police") having offered to accept the terms and conditions of the proposed agreement between ----- and ----- (hereinafter called "the said Contractor(s)") for the work ----- (hereinafter called "the said agreement") having agreed to production of a irrevocable Bank Guarantee for Rs.----- (Rupees ----- only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and condition in the said agreement. We, ---(indicate the name of the Bank) --- (hereinafter referred as "the Bank") hereby undertake to pay to the ITBP an amount not exceeding Rs----- only) on demand by the ITBP.
2. We, -----(indicate the name of the Bank) ---do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the ITBP stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. ----- (Rupees ----- only).
3. We, the said bank further undertake to pay the ITBP any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.
4. We, -----(indicate the name of the Bank) -- further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the ITBP under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge on behalf of the ITBP certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.
5. We, --- (indicate the name of the Bank) --- further agree with the ITBP that the ITBP shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the ITBP against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the ITBP or any indulgence by the ITBP to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).
7. We, -----(indicate the name of the Bank) --- lastly undertake not to revoke this guarantee except with the previous consent of the ITBP in writing.
8. This guarantee shall be valid upto----- unless extended on demand by the ITBP. Not with standing anything mentioned above, our liability against this guarantee is restricted to Rs.----- (Rupees ----- only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated the ----- day of ----- for -----(indicate the name of the Bank)
Signature & Seal of Bank

Sign. of Second in Command (Engr)

Sign of Tenderer

FORM OF EARNEST MONEY (BANK GUARANTEE)

WHEREAS, contractor (Name of contractor) hereinafter called “the contractor”) has submitted his tender dated.....(date) for the construction of (name of work) (hereinafter called “ the Tender”)

KNOW ALL PEOPLE by these presents that we (name of bank) having our registered office at (hereinafter called “the Bank”) are bound unto (Name and SHQ of Engineer in charge) (hereinafter called “the Engineer-in-Charge”) in the sum of Rs..... (Rs. In words.....) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this..... day of20...

THE CONDITIONS of this obligation are:

- (1) If after tender opening the Contractor withdraws his tender during the period of validity of tender (including extended validity of tender) specified in the Form of tender;
- (2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
 - a) fails or refuses to execute the Form of agreement in accordance with the instructions to contractor, if required; OR
 - b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and instructions to contractor, OR
 - c) fails or refuses to start the work, in accordance with the provisions of the contract and instructions to contractor, OR
 - d) fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-Charge up to the above amount upon receipt of his first written demand, without the Engineer-in-Charge having to substantiates his demand, provided that in his demand the Engineer-in-Charge will note that the amount claimed by him is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.

The Guarantee will remain in force up to and including the date after the deadline for submission of tender as such deadline is stated in the instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE.....

SIGNATURE & SEAL
OF THE BANK

WITNESS.....
(SIGNATURE, NAME AND ADDRESS

* Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.

Sign. of Second in Command (Engr)

Sign of Tenderer

FORM-F

Affidavit/ Undertaking on structural stability and soundness of already completed building and infrastructure projects.

I/we undertake and confirm that any building/ infrastructure constructed by our firm/partnership firm/company has not suffered any failure, making it unfit for intended use, either due to structural design and defects or due to use of sub-standard materials or execution of sub-standard work, poor workmanship or any other reason during the last 25 (Twenty-Five) years.

I/we further undertake that if such information comes to the notice of ITBP, then Engineer-in-Charge shall be free to terminate the bid/agreement and to forfeit the entire amount of earnest money deposit, performance guarantee and security deposits.

I/we, also undertake that in addition to above, the Engineer-in-Charge shall be free to debar us forever from tendering in ITBP.

The decision of Engineer-in-Charge or any higher authority shall be final and binding.

Signature of
Notary with seal

Signature of bidder or an
authorized person of the firm with stamp

Note:- Affidavit to be furnished on a “Non-Judicial” stamp paper of Rs. 200/- (Scanned copy of the notarized affidavit to be uploaded at the time of submission of bid).



Sign. of Second in Command (Engr)

Sign of Tenderer

Annexure 'B'

FORMAT FOR UNDERTAKING FOR SITE INSPECTION

To,

The Second in Command (Engr)
SHQ (Patna), ITBP,
Phulwari Sharif, Patna (Bihar)
PIN Code - 801505

I/we hereby give an undertaking for the given work as follows:

NIT No: - ITBP/SHQ(Patna)/ Engg/6th Bn/Main Gate/2026-549

Name of work: **Up gradation of Existing Second no. Main Gate with Guard room and Boundary wall at BHQ 6th Bn, ITB Police, Jalalpur, Chhapra, Bihar.**

I/we have inspected and examined the site and its surroundings is/are satisfied before submitting our bid as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation I/we may require and in general shall myself / ourselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect our bid. I/we shall be deemed to have full knowledge of the site whether I/we inspect it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. I/we shall be responsible for arranging and maintaining at our own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents.

Submission of a bid by a I/we implice(s) that I/we have read this notice and all other contract documents and has made myself / our self aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to us by the Government and local conditions and other factors having a bearing on the execution of the work.

Place:

Date:

Yours faithfully

(Signature of Bidder(s))

Sign. of Second in Command (Engr)

Sign of Tenderer

RECEIPT OF DEPOSITION OF ORIGINAL
EMD

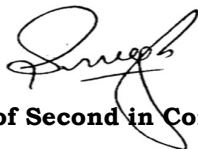
Name of work: **Up gradation of Existing Second no. Main Gate with Guard room and Boundary wall at BHQ 6th Bn, ITB Police, Jalalpur, Chhapra, Bihar.**

1. NIT No. ITBP/SHQ (Patna)/Engg/6th Bn/ Main Gate/2026-549
2. Estimated Cost: Rs. 44,50,855/-
3. Amount of Earnest Money Deposit: Rs. 89,020/-
4. Last date of submission of bid: 02.06/2026

(Filled by EMD receiving officer)

1. Name of Contractor:
2. Form of EMD
3. Amount of Earnest Money deposit.....
4. Date of submission of EMD.....

Signature, Name and Designation of EMD
Receiving officer along with office stamp



A- Civil Work
General Conditions & Additional Technical Specification

(i) General Conditions

1. Unless otherwise provided in the Schedule of quantities the rates quoted by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building, working in or under water and/ or foul conditions and nothing extra shall be payable to him on this account. Payment for centering, shuttering, however if required to be done for floor-to-floor height is greater than 3.5 m shall be admissible at rates arrived at in accordance with clause-12 of the agreement if not already specified.
2. **The contractor shall make his own arrangements for obtaining electrical service connection if required and make necessary payments directly to the department concerned.**
3. Other agencies doing works related with this project will also simultaneously execute the works and the contractor shall afford necessary facilities for the same. The contractor shall leave such necessary holes, openings etc. for laying/burying in the work pipes, cables, conduits, clamps, boxes and hooks for fan clamps etc. as may be required for other agencies. Conduits for electrical wiring/cables will be laid in a way that they leave enough space for concreting and do not adversely affect the structural members. Nothing extra over the agreement rates shall be paid for the same.
4. Some restrictions may be imposed by the **ITBP** due to security measures on the working and for movement of labour, materials etc. the contractor shall be bound to follow all such restriction/instructions and nothing extra shall be payable on this account.
5. (a) The building work will be carried out in the manner complying in all respects with the requirements of relevant by laws of the local body under the jurisdiction of which the work is to be executed or as directed by the Engineer-in-Charge and nothing extra will be paid on this account.

(b) Water tanks, taps, sanitary, water supply and drainage pipes, fittings and accessories should conform to bye-laws and specifications of the Municipal Body/ Corporation where C.P.W.D. specifications are not available. The contractor should engage licensed plumbers for the work and get the materials (fixtures/fittings) tested by the Municipal Body/Corporation Authorities wherever required at his own cost.

(c) The contractor shall comply with legal orders and directions of the local or public authority or municipality and abide by their rules and regulations and pay all fees and charges which he may be liable.
6. The contractor shall give a performance test of the entire installation(s) as per standing specifications before the work is finally accepted and nothing extra whatsoever shall be payable to the contractor for the test.
7. Any cement slurry added over base surface (or) for continuation of concreting for better bond is deemed to have been in built in the items and nothing extra shall be payable (or) extra cement considered in consumption on this account.
8. Test of materials: Samples of various materials required for testing from approved labs shall be provided free of cost by the contractor. All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.
9. The structural and architectural drawings shall at all times be properly co-related before executing

any work. However, in case of any discrepancy, the same may be got rectified before execution.

10. The contractor shall bear all incidental charges for cartage, storage and safe custody of materials issued by department or procured by the contractor and nothing extra shall be payable to the contractor on their accounts.
11. The full nomenclature of items shall be adopted in preparing abstract of final bill in the measurement book and also in the bill form for final bill.
12. The bidder shall abide by the rules and regulations under relevant GST, as amended from time to time and deductions shall be made from the gross value of the work done from all bills as per the provisions of above stated Acts. Nothing extra on account of this deduction shall be paid.
13. The contractor will have to work according to the programme of the work given by the contractor and/ or decided by the Engineer-in-Charge. The contractor shall also construct a sample unit complete in all respect within time specified by the Engineer-in-Charge and this sample unit shall be got approved from the Engineer-in-charge before mass construction is taken up. No extra claim whatsoever beyond the payments due at agreement rates will be entertained from the Contractor on this account.
14. The contractor shall take instructions from the **Engineer-in-Charge / Sector Engineer** for stacking of materials in any place. No excavated earth or building material shall be stacked on areas where other buildings, roads, services of compound walls are to be constructed.
15. If as per municipal rules or **ITBP** requirement, the huts for labour are not to be erected at the site of work by the contractors, the contractors are required to provide such accommodation as is acceptable to local bodies and **ITBP** and nothing extra shall be paid on this account.
16. Cement bags shall be stored in separate go-downs to be constructed by contractor at his own cost as per sketch which is only indicative and actual size will depend on the site requirements as per CPWD Specification 2023 (Vol. I) with correction slips upto last date of submission of bid and R.C.C. work in pursuance (IS: 456-2000) with weather proof roof and walls. Each go-down shall be provided with a single door with two locks.
17. The contractor shall be fully responsible for the safe custody of the materials even if the materials are under double lock system.
18. Contractor shall bear all incidental charges for cartage, storage and safe custody of materials and shall construct suitable go-downs, yards at the site of work for storing all other materials so as to be safe against damage by sun, rain, damages, fire, theft etc. at his own cost and also employ necessary watch and ward establishment for the purpose at his cost.
19. All materials shall be got checked by the Engineer-in-Charge or his representative of the works on receipt of the same at site before use.
20. Royalty at the prevalent rates shall have to be paid by the contractor on all the boulders, metals, shingle, sand and bajri etc. collected by him for the execution of the work, direct to the Revenue Authority or authorized agent of the State Government concerned or Central Government.
21. Drilling holes to secure fastener/screws in walls and chase cutting in the walls wherever necessary shall be done by mechanical means i.e. by hammer drill machine & the chase cutting machine respectively for which nothing extra will be paid to the contractor.
22. The Contractor shall prepare and supply three sets of the completion drawings of all the external and internal plumbing, water supply, sanitary, drainage, electrical and other specialized works including all other services and completion plan of the building on completion of the services, to the Engineer-in-charge. One soft copy or hard copy of the relevant Architectural drawing for enabling the contractor to prepare the completion drawings shall be made available by the

Engineer-in-Charge.

23. Brand and trade name of the paint to be used in the work shall be got approved in writing from the Engineer-in-Charge before application of the samples of different shades. After the written approval of the **Engineer-in-Charge** about brand, trade name, sample and shades of the paints the contractor shall make bulk procurement of the paint. Before start of the item of painting, the original purchase vouchers, delivery challan of purchase of full quantity of paint materials shall have to be produced by the contractor to the **Engineer-in-Charge / Unit Engineer**. The contractor shall bring full quantity of required painting material at site and get it inspected from the **Engineer-in-Charge / Unit Engineer** before start of the item of painting.
24. Cutting of centrifugal cast(spun) iron pipes wherever required shall be done by electric machine. Pipes of different lengths as required having sockets will be brought to site. **No collar will be permitted to be used** in the work. If at any place collar is found used, no payment of the pipes connecting that collar and the sanitary fittings thereon shall be made in any case.
25. Element of reinforcement as per standard design is included in the item of brick masonry manholes. Therefore, the reinforcement used in the manholes shall not be separately measured for payment under the item of reinforcement.

26. TESTING OF MATERIAL

- (a) The contractor shall procure all the materials in advance so that there is sufficient time for testing, approving of the material and clearance of the same before use in work.
 - (b) **Testing Charges to be borne by Contractor:** -All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.
27. Time allowed for execution of the work provided in clause 5 of Schedule 'F' is inclusive of the time required for any kind of testing of materials and preparation of Design mix of cement concrete for all R.C.C. work, time required for initial load testing / routine load testing of piles and time required for testing of weld etc.

Third Party Quality Assurance

The department may decide to engage third party quality assurance system and the contractor shall render all the necessary assistance and render arrangement for the inspection of work similar to clause 16 of agreement. Contractor shall be responsible to attend defect pointed out by **ITBP / Third Party Inspection** even after declaring the building completed. Contractor is responsible to attend the defects pointed out by **ITBP** during defect liability period/guarantee period.

28. Special conditions for Q. A. Plan.

Maintenance of Register of Tests: -

- (i) All the registers of tests carried out at Construction site or in outside laboratories is to be maintained by the contractor which will be issued to the contractor by Engineer-in-charge.
- (ii) All Samples of materials including cement concrete cubes shall be taken jointly with contractor by **Overseer**. Out of this at least 50% samples shall be taken in presence of **Overseer / AC (Engr) / DC (Engr)** in charge. If there is no **Overseer**, all Samples of materials including cement concrete cubes shall be taken by **AC (Engr) / DC (Engr)** jointly with contractor. All the necessary assistance shall be provided by

the contractor. Cost of sample materials is to be borne by the contractor and he/she shall be responsible for safe custody of samples to be tested at site.

- (iii) All the test in field lab set up at construction site shall be carried out by the Engineering Staff deployed by the contractor which shall be 50% witnessed by **Overseer / AC (Engr) / DC (Engr)**
- (iv) All the entries in the registers will be made by the designated Engineering Staff of the contractor and same will be regularly reviewed by **Overseer / AC (Engr) / DC (Engr)**. Contractor shall be responsible for safe custody of all the test registers.

(ii) ADDITIONAL TECHNICAL SPECIFICATIONS

1.1 GENERAL

1.2 The work shall be executed and measured as per metric dimensions given in the Schedule of quantities, drawings etc. (F. P. S. units wherever indicated are for guidance only).

1.3 The following modifications in the above specifications and some additional specifications shall however apply:

- i) All stone aggregate and stone ballast shall be of hard stone variety to be obtained from approved quarries or any other source to be got approved by the Engineer-in-Charge.
- ii) Sand to be used for cement concrete work, mortar for masonry and plaster work shall be of standard quality. Sand shall be obtained from approved source or any other source to be got approved from the Engineer-in-Charge and screened as required. The same shall consist of hard siliceous material. It shall be clean sand.

1.4 Wherever any reference to any Indian Standard Specification occurs in the documents relating to this contract the same shall be inclusive of all amendments issued there to revision thereof if, any, up to the date.

2.0 Unless otherwise specified in the schedule of quantities the rates for all items of the work shall be considered as inclusive of pumping out or bailing out water if required for which no extra payment will be made. This will include water encountered from any source, such as rains, floods, and sub-soil water level being high due to any other cause whatsoever.

3.0 Mix design.

- A. The contractor shall carry out design mixes for each class of concrete meeting the requirements as per specification.
- B. The contractor shall submit proposal of mix designs, one month in advance to commencement of concreting work.
- C. The R.C.C. work shall be done with Design Mix Concrete unless specified. In the nomenclature of items, wherever letter **M** has been indicated, the same shall imply for the Design Mix Concrete. For the nominal mix in RCC, CPWD specifications shall be followed. The Design Mix Concrete will be designated based on the principles given in relevant IS: code. The contractor shall design mixes for each class of concrete indicating the concrete ingredients and proportions that will result in concrete mix meeting requirements specified. In case of use of admixture and or white cement, the mix shall be designed with these ingredients as well. The admixtures shall conform to relevant IS code. The contractor shall not be paid anything extra for admixture required for achieving desired workability.
- D. Cement shall be of OPC/PPC 43grade and shall conform to relevant IS code.

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4.0 Outside/Independent Testing Facilities

- a) These laboratories shall be in the Government sector, Semi Government or private sector. **All govt. Institutes, Central and State research Centers, Central and State** funded laboratories stand approved. No approval is required for testing in these laboratories /institutes.
- b) However, the outside private laboratories shall be approved by **Comdt/DIG (Engr), ITBP.**

- 4.1 In case of rejection of concrete on account of unacceptable compressive strength, governed by the Para “Standard of Acceptance” as above, the work for which samples have failed shall be redone at the cost of contractors. However, the Engineer- in- Charge may order for additional tests (like cutting cores, ultrasonic pulse velocity test, load test on structure, or on part of structure, etc.) to be carried out at the cost of contractor to ascertain if the portion of the structure wherein concrete represented by the sample has been used, can be retained on the basis of results of individual or combination of these tests. The contractor shall take remedial measures necessary to retain the structure as approved by the Engineer-in-Charge without any extra cost. However, for payment, the basis of rate payable to the contractor shall be governed by the 28 days cube test results and reduced rates shall be regulated in accordance as per provision in CPWD specifications and conditions cited in this bid document.

5.0 WOOD WORK

The samples of species of timber to be used shall be deposited by the contractor with the **Engineer-in-Charge** before commencement of the work. The contractor shall produce cash vouchers and certificate from standard kiln seasoning chemically pressure treatment plant operators about the timber section to be used on the work having been kiln seasoned chemically pressure treated by them, failing which it would not be to accept as kiln seasoned & chemically pressure treated.

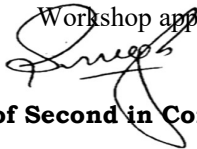
- 5.1 Factory made shutter, as specified shall be obtained from factories approved by the **Engineer-in-Charge** and shall conform to IS: 2202 (Part-I) 1977. The contractor shall inform well in advance to the **Engineer-in-Charge** the names and address of the factory where from the contractor intends to get the shutters manufactured.

The contractor will place order for manufacture of shutters only after written approval of the **Engineer-in-Charge** in this regard is given. The contractor is bound to abide by the decision of the **Engineer-in-Charge** and recommend a name of another factory from the approved list in case the factory already proposed by the contractor is not found competent to manufacture quality shutters. Shutters will, however, be accepted only, if this meets the specified tests. The contractor will also arrange stage-wise inspection of the shutters at factory by the **Engineer-in-Charge** or his authorized representative. Contractor will have no claim if the shutters brought at site are rejected by Engineer-in-Charge in full lot due to bad workmanship/quality. Such shutters will not be measured and paid and the contractor shall remove the same from the site of work within 7 days after the written instructions in this regard are issued by Engineer-in-charge or his authorized representative.

- 5.2 Original purchase vouchers and delivery challan from the factory in support of having purchase the factory-made door shutters from the approved factory, shall have to be produced to the Engineer-in-Charge for verification and for record.

6.0 STEEL WORK:

- 6.1 The steel doors, windows, ventilators and composite units shall be got fabricated in Workshop approved by the **Engineer-in-Charge** concerned.


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7.0 WATER SUPPLY SANITARY INSTALLATION

- 7.1 S.C.I pipe and G.I pipe wherever necessary shall be fixed to RCC columns, beams etc. with rawl plugs and nothing extra shall be paid for this.
- 7.2 The contractor shall be responsible of the protection of the sanitary and water supply fittings and other fittings and fixtures against pilferages and breakage during the period of installation and thereafter until the building is handed over.
- 7.3 Sunken Flooring: The rate of items of flooring is inclusive of providing sunk flooring in W.C, bathrooms, kitchen etc. and nothing extra on this account is admissible.

8.0 VARIATION IN CONSUMPTION OF MATERIALS

The variation in consumption of material shall be governed as per CPWD specification 2023 Vol. I & II with correction slips up to date and clauses of the contract to the extent applicable. The following specific clauses shall govern the variation in consumption of pig lead.

9.0 INTEGRAL WATER PROOF FINISHING:

The contractor must associate himself with the specialized firm to be approved by the Engineer-in-Charge in writing, for integral cement-based water proofing treatment for sunken floors, roofs etc. **10 years guarantee to be reckoned from the date after the maintenance period prescribed in the contract in prescribed proforma shall be given by the contractor.** In addition, 10% (ten percent) of the cost of these items shall be retained as guarantee money to watch the performance of the work done. If any defect is noticed during the guarantee period, it should be rectified by the contractor within seven days and if not attended, the same will be got done by the Engineer-In-Charge through another agency at the risk and cost of the contractor.

Before execution of the items of integral water proofing treatment, the contractor must submit the following details and get the same approved by the Engineer-in-Charge.

- a) The name of the specialized firm
- b) The trade names of the product which could be used;
- c) List of works where this treatment has been used.
- d) Quantity of chlorides and sulphides used in the product.

10.0 CLADDING WORK

- 10.1 Flooring work is to be executed as per flooring pattern shown in Arch. Drawings and as per direction of Engineer-in-Charge for which nothing extra will be paid.
- 10.2 The size of tiles/marble stone/Granite stone in dado/skirting is to be provided as shown in Architectural drawings.
- 10.3 For providing granite stone in counters, window sills, kitchen platforms and other similar locations, the rate shall deemed to include mirror polished of the free/ exposed edges which shall have to be done and nothing extra shall be paid on this account. Further for granite stone up to 2 meter, for treads of steps and risers, kitchen counters, window sills and any other locations wherever decided by the Engineer-in-Charge, single stone shall be used for which nothing extra shall be paid.
- 10.4 The colour and shade of the granite and granite tiles shall be decided by the Engineer-in-Charge.

11.0 CONDITIONS FOR CEMENT

1. The contractor shall procure 43 grade ordinary Portland cement conforming to IS: 8112 / Portland Pozzolana Cement conforming to IS: 1489 (Part-I) as required in the work, from reputed manufacturers of cement such as ACC, Ultratech, Vikram, Shree Cement, Ambuja, Jaypee Cement, Dalmia Cement, Century Cement & J.K. Cement **or from any other**

reputed cement Manufacturer having a production capacity not less than one million tonnes per annum as approved by Engineer-in-Charge.

The tenderers may also submit a list of names of cement manufacturers which they propose to use in the work. The tender accepting authority reserves right to accept or reject name(s) of cement manufacturer(s) which the tenderer proposes to use in the work. No change in the tendered rates will be accepted if the tender accepting authority does not accept the list of cement manufacturers, given by the tenderer, fully or partially.

The supply of cement shall be taken in 50 kg bags bearing manufacturer's name and ISI marking. Samples of cement arranged by the contractor shall be taken by the Engineer-in-charge and got tested in accordance with provisions of relevant BIS codes. In case the test results indicate that the cement arranged by the contractor does not conform to the relevant BIS codes, the same shall stand rejected, and it shall be removed from the site by the contractor at his own cost within a week's time of written order from the Engineer-in-charge to do so.

2. The cement shall be brought at site in bulk supply of approximately **30 tonnes or as decided by the Engineer-in-charge.**

The cement godown of the capacity to store a **minimum of 600 bags of cement** shall be constructed by the contractor at site of work for which no extra payment shall be made.

3. Double lock provision shall be made to the door of the cement godown. The keys of one lock shall remain with the Engineer-in-Charge or his authorized representative and the keys of the other lock shall remain with the contractor. The contractor shall be responsible for the watch and ward and safety of the cement godown. The contractor shall facilitate the inspection of the cement godown by the Engineer-in-Charge at any time.
4. The cement shall be got tested by the Engineer-in-charge and shall be used on the work only after satisfactory test results have been received. The contractor shall supply free of charge the cement required for testing including its transportation cost to testing laboratories. **The cost of tests shall be borne by the contractor/Department in the manner indicated below:**
 - a. By the contractor, if the results show that the cement does not conform to relevant BIS codes.
 - b. By the Department, if the results show that the cement conforms to relevant BIS codes.
5. The actual issue and consumption of cement on work shall be regulated and proper accounts maintained as provided in relevant clause of the contract. The theoretical consumption of cement shall be worked out as per procedure prescribed in relevant clause of the contract and shall be governed by conditions laid there in. In case the cement consumption is less than theoretical consumption including permissible variation, recovery at the rate so prescribed shall be made. In case of excess consumption, no adjustment needs to be made.
6. The cement brought to the site and the cement remaining unused after completion of the work shall not be removed from site without the written permission of the Engineer-in-charge.
7. The damaged cement shall be removed from the site immediately by the contractor on receipt of a notice in writing from the Engineer-in-charge. If he does not do so within 3 days of receipt of such notice, the Engineer-in-charge shall get it removed at the cost of the contractor.

12.0 CONDITIONS FOR STEEL

- 12.1 The contractor shall procure ISI marked Corrosion Resistant Steel (CRS) TMT reinforcement bars i.e. Low Alloy Steel with improved corrosion resistance conforming to IS: 1786-2008 (Indian Standard Specification for high strength deformed steel bars and wires for reinforcement) of Fe500D grade or as per specification / nomenclature of the item from primary producers such as SAIL, Tata Steel Ltd, RINL, Jindal Steel & Power Ltd and JSW Steel Ltd.
- 12.2 The contractor shall obtain & furnish manufacturer test certificate to the Engineer-in-Charge in respect of all supplies of steel brought by him to the site of work.
- 12.3 Samples shall also be taken and got tested by the Engineer-in-Charge as per the provisions in this regard in relevant BIS codes. In case the test results indicate that the steel arranged by the contractor does not conform to the specifications as

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defined under para (1) (d) & (1) (e), the same shall stand rejected, and it shall be removed from the site of work by the contractor at his cost within a week time or written orders from the Engineer-in-Charge to do so.

- 12.4 The steel reinforcement shall be brought to the site in bulk supply of 5 tons or more as decided by Engineer-in-Charge.**
- 12.5** Steel reinforcement (TMT bars) shall be stored by the contractor at site of work in such a way as to prevent distortion and corrosion and nothing extra shall be paid on this account. Bar of different sizes and length shall be store separately to facilitate easy counting and checking.
- 12.6** The contractor shall supply free of charge the steel required for testing including its transportation to testing laboratories. The cost of tests shall be borne by the contractor.
- 12.7** The actual issue and consumption of steel on work shall be regulated and proper accounts maintained as provided in relevant clause of the contract. The theoretical consumption of steel shall be worked out as per procedure prescribed in relevant clause of the contract and shall be governed by conditions laid therein. In case the consumption is less than theoretical consumption including permissible variations recovery at the rate so prescribed shall be made. In case of excess consumption, no adjustment needs to be made.
- 12.8** The steel brought to site and the steel remaining unused shall not be removed from site without the written permission of the Engineer-in-Charge.
- 12.9** Before placing the reinforcement bars in position, contractor shall submit the bar bending schedule indicating the shape of bar, type/ designation of bar, number of bars, the diameter bars, quantity of reinforcement etc., as per structural drawing for approval by the Engineer-in-Charge in writing. After the approval of the bar bending schedule by the Engineer-in-Charge, the reinforcement shall be placed in position and there after it shall be measured in the measurement book and got test checked of its accuracy before embedding or before placing it beyond the reach of measurement, from the Engineer-in-Charge or his authorized representative. Similar action shall also be taken for all other hidden items. It will be the responsibility of the contractor to bring out to the notice of the Engineer-in-Charge the deviations, if any giving the details of the measurements with locations for approval of the competent authority immediately after it is detected or foreseen.
- 12.10** Reinforcement including authorized spacer bars and lap pages shall be measured in length of different diameters, as actually (not more than as specified in the drawing) used in the work, nearest to a centimeter. Wastage and unauthorized overlaps shall not be measured.
- 12.11** The standard sectional weights referred to as in Table 5.4 under para 5.3.4 in CPWD specifications for works 2009 Vol. 1 will be considered for conversion of length of various sizes of MS bars, Tor steel bars and TMT bars into standard weight.
- 12.12** Records of actual sectional weight shall also be kept dia-wise & lot-wise. The average sectional weight for each diameter shall be arrived at from samples from each lot of steel received at site. The decision of the Engineer-in-Charge shall be final for the procedure to be followed for determining the average sectional weight of each lot. Quantity of each diameter of steel received at site of work each day will constitute one single lot for the purpose. The weight of steel by conversion of length of various sizes of bars based on the actual weighted average sectional weight shall be termed as derived actual weight.
- 12.13** If the derived weight is lesser than the standard weight, the derived actual weight shall be taken for payment.
- 12.14** If the derived actual weight is found more than the standard weight then the standard weight as worked out, shall be taken for payment. In such case nothing extra shall be paid for the difference between the derived actual weight and the standard weight.
- 12.15** Mixing of different type of steel/different grades of steel shall not be allowed in the same structural members as main reinforcement to satisfy clause 26.1 of IS: 456.
- 12.16** Tolerances on Nominal Mass (individual sample) shall be as under: -

Sl. No.	Nominal size mm	Tolerances on the Nominal Mass, percentage
1	Up to and including 10	±8
2	Over 10 up to & including 16	±6
3	Over 16	±4

13.0 CONDITIONS FOR BITUMEN

- 13.1 The contractor shall procure Bitumen of required grade from “Indian oil Corporation Limited”, “Hindustan Petroleum Corporation Limited” or “Bharat Petroleum Corporation Limited”.
- 13.2 The contractor shall obtain and furnish test certificate to the Engineer-in-Charge in respect of all supplies of Bitumen brought by him to the site of work.
- 13.3 Sample shall also be taken and got tested by the Engineer-in-Charge as per the provision in this regard in relevant BIS codes. In case the test results indicate that the Bitumen arranged by the contractor does not confirm to relevant BIS codes, the same shall be rejected, and it shall be removed from site of work by the contractor at his own cost within a week time or written order from the Engineer-in Charge to do so.
- 13.4 The Bitumen shall be brought to the site in bulk supply of 10 tonnes or more as decided by Engineer-in-Charge.
- 13.5 The contractor shall supply free of charge the Bitumen required for testing. The cost of tests shall be borne by the contractor/Department in the matter indicated below.
- (i) By the contractor, if the results show that the Bitumen does not confirm to relevant BIS codes. By the Department, if the results show that the Bitumen confirm to relevant BIS codes.



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B- ELECTRICAL WORK

TECHNICAL SPECIFICATIONS AND ADDITIONAL, GENERAL TERMS AND CONDITIONS

(i) Technical Specifications:

1. (a) Electrical & Mechanical works shall be executed as per relevant part of the CPWD

General Specifications for Electrical Works Part-I (Internal) 2023, General Specification for Electrical Works Part II (External) 2023, General Specification for Electrical Works PART-V (wet riser & sprinkler system) 2020, General Specification for Electrical Works Part-VI (Fire detection) 2018, General specification for Heating, Ventilation & Air conditioning (HVAC) work 2017, amended up to date, unless given otherwise in this tender documents, NBC-2016, relevant I.E. rules, BIS/IEC and as per direction of Engineer-in-Charge. In case of discrepancy among the specifications/conditions as mentioned above the precedence given in general condition of contract shall be followed.

- (b) Works for which CPWD specifications is not available it shall be carried out as per item nomenclature in schedule of quantities and relevant codes-BIS, EN, UL, FM and other standard codes as applicable. Only brief technical specifications are given in item nomenclature in schedule of quantities for the work. The contractor shall submit technical data sheet of all devices and equipment of Audio-Visual system, Sound reinforcement system, Smart display system, High Bay lighting in this work, CCTV and OEM technical catalogue of all devices duly vetted by respective OEM to the Engineer-in-Charge for his/her approval. Procurement shall be done only after approval of technical data sheet of all devices and equipment by the Engineer-in-Charge.

(ii) Additional, General Terms and Conditions:

1. Electrical works shall be executed by the agency having valid electrical contractor license. If the main agency is not having valid electrical contractor license, then the main agency shall have to associate agency having valid electrical contractor license for electrical works.
2. Electric supply required for Installation; Testing & Commissioning shall have to be arranged by the tenderer at his own costs. Water required for testing of equipment's is also in scope of contractor.

2. Terminology:

The definition of terms used in these specifications shall be in accordance with relevant IS.

3. Conformity with statutory Acts, Rules, Standards and codes

- i) All components shall conform to relevant Indian Standard Specifications, International Standards, amended to date and shall bear the stamp of the testing laboratory wherever existing.

All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 2020 and Indian Electricity Rules 2022 amended to date. They shall also conform to CPWD General Specification for Electrical Works Part-I (Internal) 2023, General Specification for Electrical Works PART II (External) 1994, General Specification for (Sub-Stations) Works Part- IV (2013) as amended up to date.



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4. Works to be done by the contractor:

Unless otherwise mentioned in the tender documents, the following works shall be done by the contractor and therefore, their cost shall be deemed to be included in their tendered cost-whether specifically indicated in the schedule of work or not: -

- i) Suspenders, brackets and floor/wall supports for suspending/supporting cable tray, foundations etc.
- ii) Painting of all exposed metal surfaces of equipment and components with appropriate colour as per relevant part of bid document.
- iii) Making opening in the wall/floors/slabs or modifications in the existing openings wherever provided for cable/cable tray etc. Opening in the slab/retaining walls/brick wall etc. shall be made by means of core cutting machines only.
- iv) All electrical works including cable/wires, earthing etc. beyond power supply made available by the department.
- v) Making good all damages caused to the structure during installation and restoring the same to their original finish.
- vi) Approval from Local Body as may be required as per local bye-laws. (The contractor's responsibility shall be limited to the work executed by him.)

5. Rates:

The rate quoted by bidder, shall be firm and inclusive of all taxes, duties and levies and all charges for packing, forwarding insurance, freight and delivery, installation, testing, commissioning etc. at site including temporary constructional storage, risks, overhead charges, general liabilities/obligation etc.

6. Machinery for Erection

All tools and tackles required for unloading/handling of equipment and materials at site, their assembly, erection, testing and commissioning shall be the responsibility of the contractor.

7. Completeness of the tender, submission of programme, approval of drawings and commencement of work

i) Completeness of the tender: -

All sundry equipment, fittings, assemblies, accessories, hardware items, foundation bolts, supports, termination lugs for electrical connections, cable glands, junction boxes and all other items which are useful and necessary for proper assembly and efficient working of the various equipment and components of the work shall be deemed to have been included in the tender, irrespective of the fact whether such items are specifically mentioned in the tender or not.

ii) Submission of programme:

Within thirty days from the date of receipt of the letter of award, the successful tenderer shall submit his programme for submission of drawings, supply of equipment, installation, testing, commissioning and handing over of the installation to the Engineer-in-charge. This programme shall be framed keeping in view the building progress and the milestones fixed in Schedule 'F' Clause-5 of CPWD-7 shall be given priority.

iii) Submission of drawings:



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The contractor shall submit the details drawings/Auto CAD drawings of all E & M/ installations, cable layout plan mentioned in the estimate along with detailed calculation sheets of technical data such as cable size calculation, electrical load details etc. as desired by the department to the Engineer-in-Charge for approval before start of the work and after approval of the same the supply of the materials will be initiated.

iv) Commencement of work

The contractor shall commence work as soon as the drawings submitted by him are approved either in full or in part as the case may be.

8. Dispatch of materials to site and their safe custody:

The contractor shall dispatch material to site in consultation with the Engineer-in-Charge. Suitable accommodation shall be made available free of charge temporarily. The arrangement to make it lockable/secure by means of partitions, locks etc. shall be responsibility of the contractor. Watch and ward however, shall be the responsibility of contractor. Program of dispatch of material shall be framed keeping in view the building progress. Safe custody of all machinery and equipment supplied by the contractor shall be the responsibility of the contractor till final taking over by the department.

9. Extent of Work:

The work shall comprise of entire labour including supervision and all material necessary to meet a complete installation and such tests and adjustment and commissioning, as may be required by the department. The term complete installation shall not only mean major items covered by the specification but all incidental sundry components necessary for complete execution and satisfactory performance of installation with all layout charts whether or not those have been mentioned in detail in the tender documents in connection with this contract as this is a turnkey job.

10. Compliance with Regulations and Indian Standards:

17.1 All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to the works covered by this specification. In particular, the equipment and installation will comply with the following:

- i) Factories Act.
- ii) Indian Electricity Rules.
- iii) B.I.S. & other standards as applicable.
- iv) Workmen's compensation Act.
- v) Statutory norms prescribed by local bodies like CEA, Power Supply Co., Local Body etc.

17.2 Nothing in this specification shall be construed to relieve the successful tenderer of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.

17.3 Successful tenderer shall arrange for compliance with statutory provisions of safety regulations and departmental requirements of safety codes in respect of labour employed on the work by the tenderer. Failure to provide such safety requirement would make the tenderer liable for penalty of Rs. 500/- for each default. In addition, the department will be at liberty to make arrangement for the safety requirements at the cost of tenderer and recover the cost thereof from him.

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11. Indemnity:

The successful tenderer shall at all times indemnify the department, consequent on this work contract. The successful tenderer shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the contractor shall be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipment and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer on account of the above.

12. Co-ordination with other Agencies

The contractor shall co-ordinate with all other agencies involved at the site of work so that the work of other agencies is not hampered due to delay in his work. The work, which directly affects the progress of work of other agencies, shall be given priority.

13. Verification of Correctness of Equipment at Destination:

The contractor shall have to produce all the relevant records to certify that the genuine equipment from the manufacturers has been supplied and erected.

14. Care of the Building

Care shall be taken by the contractor during execution of the work to avoid damage to the building. Care shall also be taken by the contractor to avoid the damage to any of these existing service/service lines, any part of the building etc. If any damage is caused to any of the existing services/service lines, or any part of the building the same shall be repaired/rectified and made functional or restored to its original finish by the contractor immediately at his own expenses failing which the same shall be repaired/ rectified and made functional by department at the risk and cost of the contractor. The decision of the Engineer-in-charge in this regard shall be final & binding. He shall also remove all unwanted and waste materials arising out of the installation from the site of work from time to time.

15. Quality of Materials and Workmanship

- (i) The components of the installation shall be such design so as to satisfactorily function under all conditions of operation.
- (ii) The entire work of manufacture/fabrication, assembly and installation shall conform to sound engineering practice.
- (iii) All equipment and material to be used in work shall be manufactured in factories of good repute having excellent track record of quality manufacturing, performance and proper after sales service.
- (iv) All equipment and materials to be used in the work shall be brand new having its date of manufacturing not more than 6 months old from the date of delivery at site with manufacturer's certificates, warrantee cards, technical catalogues, instructions, manuals and wiring diagrams etc.

16. Safety Measures

All equipment shall in corporate suitable safety provision to ensure safety of the operating personnel at all times. The initial and final inspection reports shall bring out explicitly the safety provisions incorporated in each equipment.

17. Guarantee

- i) The contractor shall guarantee the complete system to maintain the specified conditions under all conditions of ambient temperature.

- ii) All equipment shall be guaranteed for a period of 12 months from the date of acceptance and taking over of the installation by the department against unsatisfactory performance and/ or breakdown due to defective design, material, manufacture, workmanship or installation. The equipment or component or any part thereof so found defective during the guarantee period shall be repaired or replaced free of cost to the satisfaction of the Engineer-in-Charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of Engineer-in-Charge in this regard shall be final.

18. Terms of Payments:

Following payment terms shall be applicable.

- i) No advance payment shall be made.
 ii) Following percentage of contract rates shall be payable against the stage of work shown herein:

SL. No.	Stage of Work	Feeder Pillars & UG cable	LED fittings, Fans, MCBs & MCB DBs	All other items
1.	After initial inspection (wherever specified) and delivery at site in good condition on pro-rata basis.	Nil	Nil	Nil
2.	After completion of installation in all respect on pro-rata basis.	85%	85%	85%
3.	After testing, Commissioning, Obtaining Clearance from Local Body and handing over to the department for beneficial use.	15%	15%	15%

20. Tender Drawings, Drawings for Approval and Completion Drawings: Drawings for approval on award of the work:

The contractor shall prepare and submit following drawings within 30 days of award of work for approval before commencement of installation. The approval of drawings however does not absolve the contractor of his responsibility to supply the equipment/ materials as per agreement. In case of any contradiction between the approved drawings and agreement the decision of the Engineer-in-Charge shall be final and binding on the contractor.

- Detailed layout plan of electrical points and distribution boards.
- Design scheme and drawing along with technical data sheet of all devices and equipment of Sound reinforcement system, **MT Complex** lighting, Fire alarm, CCTV and Smart Display system.
- Technical particulars of each and every item to be used at site.
- Any other drawings relevant to the work.

21. Completion drawings

Three sets of the following laminated drawings shall be submitted by the contractor while handing over the installation to the Engineer in Charge. Out of this one of the sets shall be laminated on a hard base for display near panel. In addition, one set will be given on compact disc.

- Detailed layout plan of Electrical points, DBs and etc.
- Line diagram of electrical supply.

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22. Documents to be furnished on completion of Installation

Three sets of the following documents shall be furnished to the department by the contractor on completion of work: -

- i. Completion drawings
- ii. 3 Sets of manufacturer's technical catalogues of all equipment and accessories.
- iii. Warranty card of all devices of Sound reinforcement system, **MT Complex lighting**, Fire alarm, CCTV and Smart Display system.
- iv. Operation and maintenance manual of all major equipment, detailing all adjustments, operation and maintenance procedure.

23. Agency/contractor should submit following documents.

- a. 5 years warranty certificates from OEM for LED fittings has to be submitted.



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Sign of Tenderer